

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☒

2. NAME OF OPERATOR

Cockrell Oil Corporation

3. ADDRESS OF OPERATOR

1600 Smith Street, Suite 4600, Houston, Texas 77002-7348

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

1174' FNL, 1168' FWL (SE1/4NW1/4)

At proposed prod. zone

Same As Above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately Ten (10) Miles Northeast of Helper, Utah

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. unit line, if any)

1168'

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

5379.30'

16. NO. OF ACRES IN LEASE

2560

19. PROPOSED DEPTH

4800'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7441' GR

22. APPROX. DATE WORK WILL START\*

November 15, 1990

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" WC-50	23.0#	0- 400'	320 sx Circulated to Surface *
7-7/8"	5-1/2" WC-50	17.0#	0-4800'	450 sx Cement

\* Cement volumes may change due to hole size.  
Calculate from Caliper log.

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED.

I hereby certify that Cockrell Oil Corporation is authorized by the proper Lease Interest Owners to conduct lease operations associated with this Application for Permit to Drill the 1210-1304 #1, Federal Lease # UTU-65949. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Cockrell Oil Corporation, Statewide Bond # UT-0794, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application for Permit to Drill.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Felder Hollenshead

(This space for Federal or State office use)

TITLE

Vice-President

DATE

10/15/90

PERMIT NO.

43-007-30126

APPROVAL DATE

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

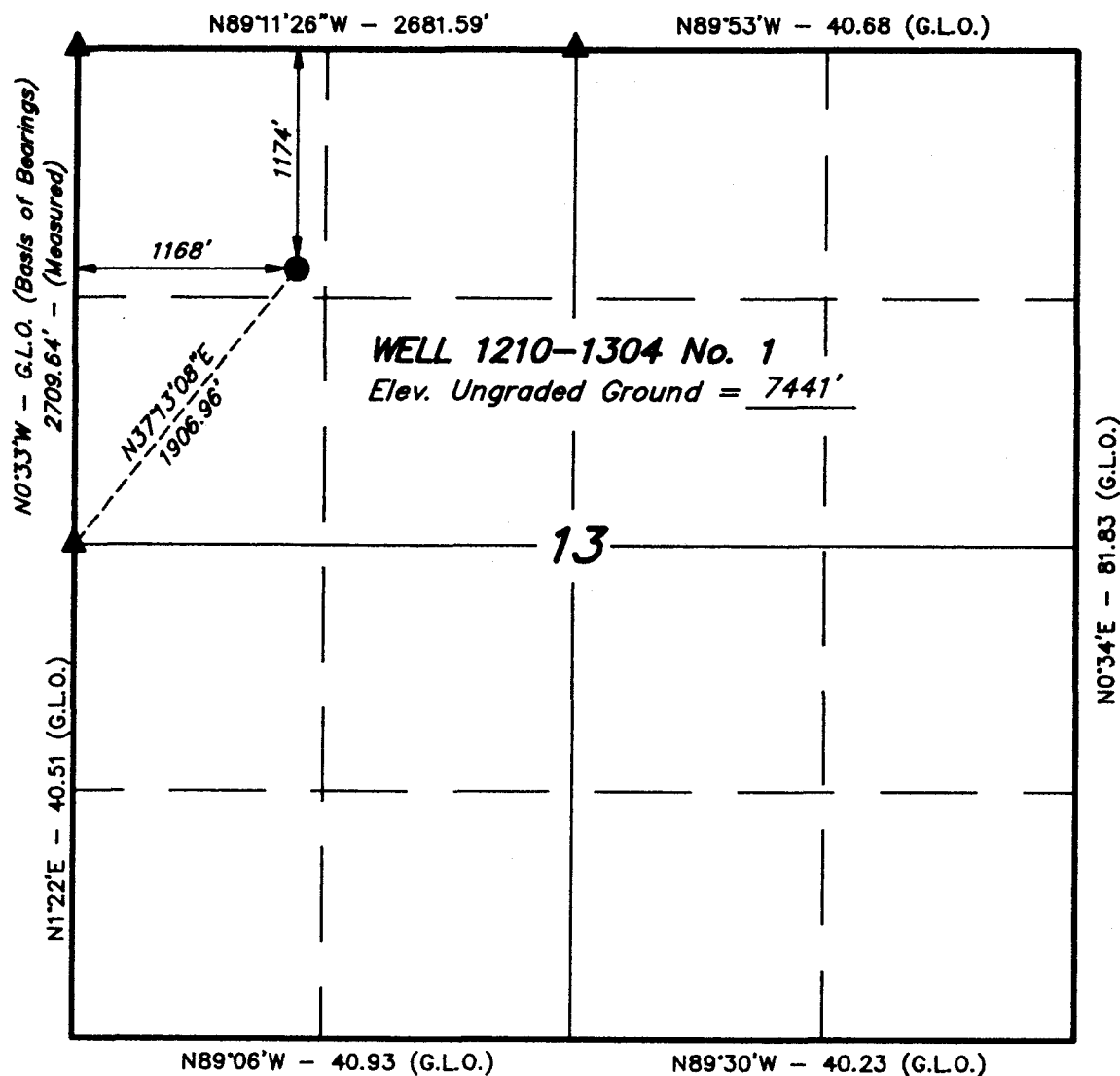
DATE: 11/21/90

BY: [Signature]

WELL SPACING: R615-3-3

\*See Instructions On Reverse Side

**T12S, R10E, S.L.B.&M.**



## COCKRELL OIL CORP.

Well location 1210-1304 No. 1, located as Shown in the NW 1/4 NW 1/4 of Section 13, T12S, R10E, S.L.B.&M. Carbon County, Utah.

### BASIS OF ELEVATION

SPOT ELEVATION AT A RIDGE TOP IN THE SW 1/4 NE 1/4 OF SECTION 11, T12S, R10E, S.L.B.&M. TAKEN FROM THE MATTS SUMMIT QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP). PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7282 FEET.



### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 5709  
STATE OF UTAH

REVISED: 10-15-90

**UTAH ENGINEERING & LAND SURVEYING**  
P. O. BOX 1758 - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 8-20-90
PARTY R.L.K. L.D.T. J.T.K. T.D.H.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE COCKRELL OIL CORP.

▲ = SECTION CORNERS LOCATED. (Brass Caps)

COCKRELL OIL CORPORATION  
Lease #UTU-65949, 1210-1304 #1  
NW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 13, T12S, R10E  
Carbon County, Utah

Drilling Prognosis

1. Estimated Tops of Important Geologic Markers:

Flagstaff	Surface	Blackhawk	3070'
North Horn	150'	Starpoint	3780'
Price River	2350'	Total Depth	4800'
Castlegate	2820'		

2. Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:

Blackhawk	3070'	Gas (Primary Objective)
Starpoint	3780'	Gas (Primary Objective)

Any shallow water zones encountered will be adequately protected and reported; none anticipated. All potentially productive hydrocarbon zones will be cemented off.

3. Pressure Control Equipment: (Schematic Attached)

A. Type: 9-10" Double Gate Hydraulic.

The Blow-Out Preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Kill line (2-inch minimum).
4. One (1) kill line valve (2-inch minimum).
5. One (1) choke line valve.
6. Two (2) adjustable chokes.
7. Upper kelly cock valve with handle available.
8. Safety valve & subs to fit all drill strings in use.
9. 2-inch (minimum) choke line.
10. Fill-up line above the uppermost preventer.

B. Pressure Rating: 2000 psi

C. Testing Procedure:

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug).

3. Pressure Control Equipment:

C. Testing Procedure: Continued

Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day.

All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to close all BOP's and retain 200 psi above precharge. Nitrogen bottles which meet the manufacturer's specifications will be used as the backup to the required independent power source. The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in Onshore Operating Order Number 2.

F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of Onshore Operating Order Number 2.

3. Pressure Control Equipment:

F. Miscellaneous Information: Continued

The choke manifold and BOP extension rods with hand wheels will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

4. The Proposed Casing and Cementing Program: (All New)

A. Casing Program:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt./Ft.</u>	<u>Grade</u>	<u>Joint</u>	<u>Depth Set</u>
12-1/4"	8-5/8"	23.0#	WC-50	ST&C	0- 400'
7-7/8"	5-1/2"	17.0#	WC-50	LT&C	0-4800'

Casing string(s) will be pressure tested to 0.22 psi/foot of casing string length or 1500 psi, whichever is greater (not to exceed 70% of the internal yield strength of the casing), after cementing and prior to drilling out from under the casing shoe.

B. Cementing Program:

Surface Casing : Lead with approximately 25 sx Pozmix "A" as scavenger. Tail with approximately 295 sx Premium cement with 2%  $\text{CaCl}_2$  + 0.25 #/sx Flocele, circulated to surface with 100% excess.

Production Casing : First Stage, 25 sx Silica HiFill as scavenger followed by 275 sx 50/50 Pozmix with 2% gel, 0.6% Halad 322 + 0.25 #/sx Flocele.

Production Casing : Second Stage, 150 sx Silica HiFill cement circulated to surface.

4. The Proposed Casing and Cementing Program:

B. Cementing Program: Continued

A greater amount of cement will be used if necessary to ensure that all potentially productive hydrocarbon zones are cemented off. Fill-up to be determined from logs.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. Mud Program: (Visual Monitoring)

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0- 400'	Air Mist	-----	-----	No Control
400-4800'	Gel/Caustic	8.7-9.1	40-60	10-20 cc's

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

6. Evaluation Program:

Logs

Dual Induction Guard	:	4800' - 400'
Spectral Density/Dual Spaced Neutron	:	4800' - 400'
High Resolution Spectral Density	:	4800' - 400'
Microlog	:	4800' - 400'

DST's

None Anticipated.

Cores

None anticipated.

Evaluation Program may change at the discretion of the well-site geologist, with prior approval from the Authorized Officer, Moab District Office, Bureau of Land Management, P.O. Box 970, Moab, Utah 84532-0970.

6. Evaluation Program: Continued

Stimulation

No stimulation or frac treatment has been formulated for this test at this time. The drill site, as approved, will be of sufficient size to accommodate all completion activities.

Whether the well is completed as a dry hole or as a producer, Well Completion and Recompletion Report and Log (Form 3160-4) will be submitted to the Lander Resource Area Office not later than thirty (30) days after the completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164.

Two (2) copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the District Manager, Moab District Office, Bureau of Land Management.

7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been reported or is known to exist from previous drilling in this area at this depth.

Maximum anticipated bottom hole pressure equals approximately 2,083 psi (calculated at 0.434 psi/foot) and maximum anticipated surface pressure equals approximately 1,027 psi (anticipated bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates and Notification of Operations:

A. Anticipated Starting Dates:

Anticipated Commencement Date	:	November 15, 1990
Drilling Days	:	Approximately 14 Days
Completion Days	:	Approximately 5 days

B. Notification of Operations:

The spud date will be reported orally to the Moab District Office, Bureau of Land Management WITHIN 48 HOURS FOLLOWING SPUDDING, unless otherwise required.

8. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations: Continued

A follow-up report on Form 3160-5 confirming the date of spud will be promptly submitted to the Moab District Office.

All wells, whether drilling, producing, or abandoned shall be identified in accordance with 43 CFR 3162.6. This requires the name of the operator, the lease number, the well number and the location of the well.

In accordance with Onshore Operating Order #1, this well will be reported on MMS Form 3160-6, "Monthly Report of Operations", starting with the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with the Royalty Management Program, Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217.

Spills, blowouts, fires, leaks, accidents, theft, or any other unusual occurrences will be promptly reported to the Moab District Office in accordance with NTL-3A.

No well abandonment operations will be commenced without the prior approval of the District Manager or his authorized representative. In the case of newly-drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the District Petroleum Engineer. A "Notice of Intention to Abandon" (Form 3160-5) will be filed with the District Manager within fifteen (15) days following the granting of oral approval to abandon.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. The following information will be permanently placed on the marker with a plate, cap, or beaded-on with a welding torch: "Fed" or "Ind", as applicable; Company Name, Well Name and Number, Location by Quarter/Quarter, Section, Township, Range, and Federal or Indian Lease Number.

A "Subsequent Report of Abandonment" (Form 3160-5) will be submitted within thirty (30) days following the actual plugging of the well bore.



8. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations: Continued

This report will indicate where plugs were placed and the current status of surface restoration operations. If surface restoration has not been completed at that time, a follow-up report on Form 3160-5 will be filed when all surface restoration work has been completed and the location is considered ready for final inspection.

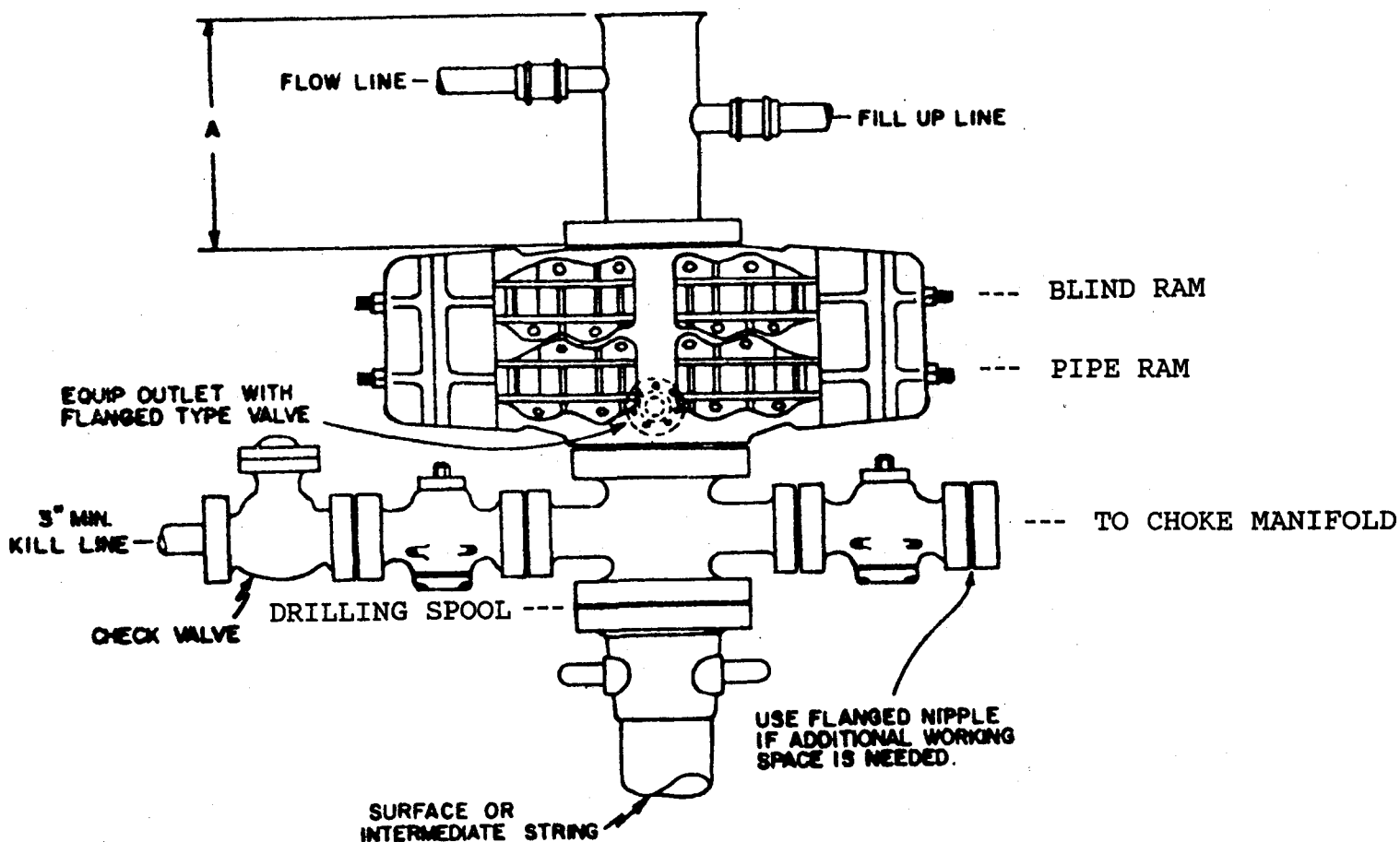
Approval to vent/flare gas during initial well evaluation will be obtained from the Moab District Office. This preliminary approval will not exceed thirty (30) days or fifty (50) MMCF gas. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to the guidelines contained in NTL-4A.

Not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than ninety (90) days, the operator shall notify the Authorized Officer by letter or "Sundry Notice", of the date on which such production has begun or resumed. The notification shall provide as a minimum, the following informational items:

- a. Operator name, address, and telephone number
- b. Well name and number
- c. Well location " $\frac{1}{4}$ ,  $\frac{1}{4}$ , Section, Township, Range, P.M."
- d. Date well was placed in a producing status
- e. The nature of the wells production, i.e.: crude oil casing gas, or natural gas and entrained liquid hydrocarbons.
- f. The OCS, Federal or Indian lease prefix and number on which the well is located. Otherwise, the non-Federal or non-Indian land category, ie.: state or private.
- g. As appropriate, the communitization agreement number, the unit agreement name, number and participating area name.

COCKRELL OIL CORPORATION  
Lease #UTU-65949, 1210-1304 #1  
SE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 13, T12S, R10E  
Carbon County, Utah

TYPICAL 2,000 psi WORKING PRESSURE BOP STACK



## BOP ACTUATING SYSTEM

- 1) Accumulator capacity will supply 1½ times volume necessary to close all BOP equipment units with a minimum pressure of 203 psi above pre-charge pressure.
- 2) Accumulator back up system, supplied by a secondary power source independent of primary power source, will be provided with sufficient capacity to close all blowout preventers.
- 3) Locking devices will be provided on ram type preventers.
- 4) Primary BOP actuating control will be hydraulic and located either in the dog house or on the rig floor. Back up control will be provided by hand-wheel manual operation of BOP.

## CHOKE MANIFOLD

All valves & fittings will be rated at 2000# working pressure.

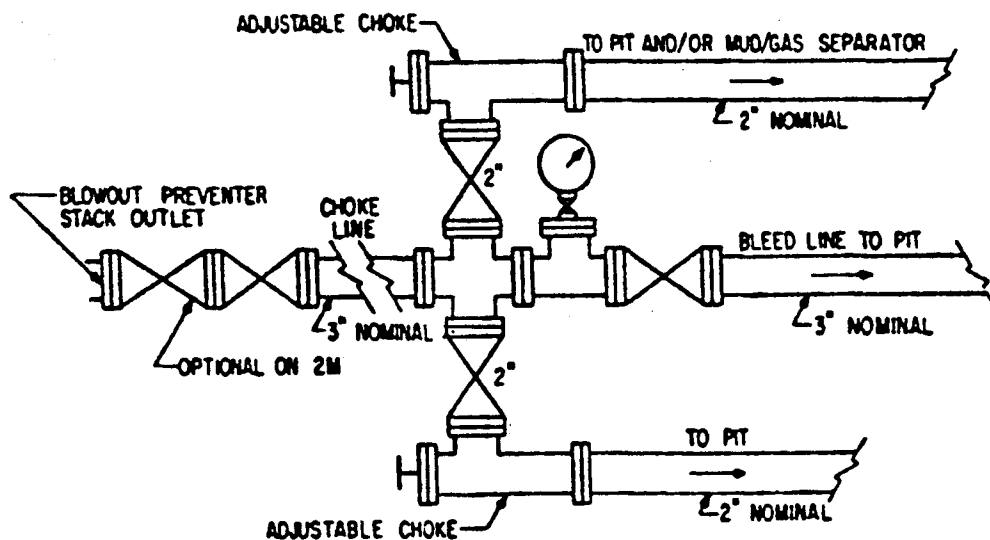


FIG. 3.A.1  
TYPICAL CHOKE MANIFOLD ASSEMBLY

COCKRELL OIL CORPORATION  
Lease #UTU-65949, 1210-1304 #1  
NW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 13, T12S, R10E  
Carbon County, Utah

Multi-Point Surface Use and Operations Plan

1. Existing Roads: Refer to Maps "A" and "B" (shown in ORANGE)
  - A. The proposed well site is staked and two 200-foot reference stakes are present.
  - B. To reach the location from the town of Price, Utah; proceed generally north approximately 9.0 miles on U.S. Highway 191, thence generally northeast approximately 7.1 miles on U.S. Highway 191, thence generally east and south approximately 0.8 miles on an existing Carbon County road (crowned & ditched with a gravel surface), thence generally south/southeast approximately 0.5 miles on an existing, flat-bladed oilfield road, thence generally south approximately 0.9 miles on an existing, flat-bladed oilfield road, thence generally east approximately 0.4 miles to the proposed 1210-1304 #1 well location.
  - C. Access roads - refer to Maps "A" and "B".
  - D. Access roads within a one-mile radius - refer to Map "B".
  - E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.
2. Planned Access Roads: Refer to Map "B" (shown in GREEN)

Approximately 0.4 miles of new road construction will be required for access to the proposed 1210-1304 #1 well location.

  - A. Width - 16-foot running surface, flat-bladed for both drilling and completion operations.
  - B. Maximum grade - 3%.
  - C. Turnouts - none anticipated.
  - D. Drainage design - in the event commercial production is established at the 1210-1304 #1 well location, the access road will be upgraded and maintained as necessary to prevent soil erosion and accommodate year-round traffic. The access road will be crowned and ditched with water turnouts installed as necessary to provide for proper drainage along the access route. Road construction will be performed in accordance with roading guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition.

2. Planned Access Roads: Continued

- E. Culverts, cuts and fills - no culverts will be required for drilling and completion operations. If commercial production is established at the 1210-1304 #1 well location, water relief culverts (18-inch minimum diameter) will be installed along the access road route as necessary or required to allow for the free flow of water and provide for proper drainage of the access road running surface. Culverts will be installed in accordance with guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition. Cuts and/or fills of approximately three (3) feet are anticipated on/along the proposed access road route.
- F. Surfacing material - none required for drilling and completion operations. If commercial production is established at the 1210-1304 #1 well location, surfacing materials for the access road will be purchased from a local contractor having a permitted source of materials in the area, if necessary or required by the private surface owner.
- G. Gates, cattleguards or fence cuts - one (1) cattleguard will be required along the proposed access road route in a north/south fenceline situated on the section line between sections 13 and 14.
- H. The proposed access road route has been flagged.

3. Location of Existing Wells Within a One-Mile Radius:

- A. Water wells - none.
- B. Abandoned wells - none.
- C. Temporarily abandoned wells - none.
- D. Disposal wells - none.
- E. Drilling wells - SE $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 11, T12S, R10E. \*\*  
SE $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 11, T12S, R10E. \*\*  
SE $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 14, T12S, R10E. \*\*  
SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 14, T12S, R10E. \*\*  
NW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 14, T12S, R10E. \*\*
- F. Producing wells - none.
- G. Shut-in wells - none.
- H. Injection wells - none.
- I. Monitoring wells - none.

\*\* These wells have been drilled and are currently waiting on completion tools.

4. Location of Existing and/or Proposed Facilities Owned By  
Cockrell Oil Corporation Within a One-Mile Radius:

A. Existing

1. Tank batteries - none.
2. Production facilities - none.
3. Oil gathering lines - none.
4. Gas gathering lines - none.

B. New Facilities Contemplated

1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty (20) feet from the toe of the backcut or top of the fill slope.
2. Production facilities will require an area approximately 250' X 125'. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via Sundry Notice (Form 3160-5) for approval prior to installation.
3. Production facilities will be accommodated on the well pad. Construction materials needed for installation of the production facilities will be obtained from the site; any additional materials which may be needed will be purchased from a local supplier as required. A dike will be constructed completely around any production facilities containing liquid hydrocarbons or produced fluids (i.e., production tanks, produced water tanks and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 1.5 times the capacity of the largest tank, and be independent of the back cut.
4. All permanent above-the-ground structures, tank batteries, etc. that will remain longer than six months will be painted Carlsbad Canyon (Munsell standard color 2.5Y 6/2). The exception being that Utah Occupation Health and Safety Act Rules and Regulations will be complied with where special safety colors are required.

- C. The production pit will be fenced sheep-tight with woven wire and two (2) top strands of barbed wire held in place by side posts and wooden corner "H" braces in order to protect livestock and wildlife.

4. Location of Existing and/or Proposed Facilities Owned By  
Cockrell Oil Corporation Within a One-Mile Radius: Cont.

- D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road and any additional areas specified in the approved Application for Permit to Drill.
- E. Reclamation of disturbed areas no longer needed for operations will be accomplished by grading, leveling and seeding as recommended by the private surface owner.

5. Location and Type of Water Supply:

- A. Fresh water for drilling will be obtained from Summit Creek at a point located in the SW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 11, T12S, R10E. In the event this source proves inadequate, additional water will be obtained from Willow Creek at a point located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 10, T12S, R10E. Approval of an Application for Permit to Appropriate Surface Water will be obtained from the Utah State Engineer prior to diversion of any water from either Summit or Willow Creek, if required.
- B. Water will be transported over existing roads via tank truck from the point of diversion to the proposed 1210-1304 #1 well location. No new road construction will be required on/along the proposed water haul route. No off-lease federal lands will be crossed on/along the proposed water haul route.
- C. No water well will be drilled on this location.

6. Source of Construction Materials:

- A. No construction materials will be needed for well pad construction; surface and subsurface soils will be sufficient. Refer to Item #2F regarding construction materials which may be required on the access road.
- B. No construction materials will be taken from Federal and/or Indian lands without prior approval from the appropriate Surface Management Agency.
- C. If production is established, any construction materials required for surfacing of the access road and installation of production facilities will be purchased from a local supplier having an approved (permitted) source of materials in the area.
- D. No new access roads for construction materials will be required.

7. Methods of Handling Waste Materials:

- A. Cuttings - the cuttings will be deposited in the reserve pit.
- B. Drilling fluids - including salts and chemicals will be contained in the reserve pit and allowed to evaporate. The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of one-half (1/2) the total depth below the original ground level at the lowest point in the pit.
- C. Produced fluids - hydrocarbons produced during completion operations will be placed in test tanks on the location. Water produced during completion operations will be put into the reserve pit according to the provisions of Onshore Operating Order #7 (formerly NTL-2B). Any spills of potentially hazardous materials will be cleaned up and immediately removed to an approved waste disposal site.
- D. Sewage - portable, self-contained chemical toilets will be provided for human waste disposal. The toilet holding tanks will be pumped as necessary, and the contents thereof disposed of at an approved sewage disposal facility.
- E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during drilling operations and the fencing will be maintained until such time as the pits are backfilled.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

- A. Figure #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location.



9. Wellsite Layout: Continued

- A. A minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil stockpiles.
- B. Figure #1 is a diagram showing the rig layout. No permanent living facilities are planned. There will be four trailers on location: one each for the drilling engineer, geologist, mud logger, and toolpusher.
- C. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via Sundry Notice (Form 3160-5) for approval prior to the commencement of installation operations (Refer to Item #4B for additional information in this regard).
- D. We do not anticipate the need for a reserve pit liner at this time. However, if porous subsoil materials (i.e., gravel, sand, fractured rock structures, etc.) are encountered during the course of reserve pit construction, an impervious liner will be installed in order to prevent drilling water loss through seepage.

10. Plans for Reclamation of the Surface:

- A. Backfilling, leveling and re-contouring are planned as soon as the reserve pit has dried. All waste materials will be disposed of immediately upon termination of drilling and completion activities. If production is established, the unneeded areas of the location will be reclaimed as soon as the reserve pit has dried. For production, the fill slopes will be reduced from a 1.5:1 slope to a 3:1 slope and the cut slopes will be reduced from a 2:1 slope to a 3:1 slope by pushing the fill material back up into the cut.
- B. Upon completion of backfilling, leveling and recontouring, all disturbed surfaces (including the access road and well pad areas) will be scarified (ripped) and the stockpiled topsoil will be evenly spread over the reclaimed area(s). The seedbed will be prepared by disking on the contour to an approximate depth of four (4) to six (6) inches, leaving no depressions that would trap water or form ponds.
- C. All disturbed surfaces (including the access road and well pad areas) will be reseeded using a seed mixture to be recommended by the private surface owner.

10. Plans for Reclamation of the Surface: Continued

- C. Seed will be drilled on the contour (or at right angles to the prevailing wind on level areas) with the seed drill set at a depth of one-half (1/2) inch. Fall seeding will be completed after September 1 and prior to ground frost. Spring seeding, to be effective, will be completed after the frost has left the ground and prior to June 1.
- D. Three sides of the reserve pit will be fenced during drilling operations and the fourth side will be fenced immediately upon rig removal. Said fencing will consist of woven wire with two (2) top strands of barbed wire held in place with side posts and wooden corner "H" braces in order to protect livestock and wildlife.
- E. If any oil is on the pits and is not immediately removed after operations cease, the pit containing the oil or other adverse substance(s) will be flagged overhead or covered with wire mesh.
- F. Reclamation operations will begin after the drilling rig has been removed. Removal of oil or other adverse substances will begin immediately or the affected area(s) will be flagged and/or fenced. Other clean-up will be done as needed. Re-seeding activities are considered best in the Fall, 1991, unless requested otherwise.

11. Surface Ownership:

That portion of the proposed access road route located in Section 14, T12S, R10E is located on private surface estate owned by:

Shimmin Trust  
c/o Funnon Shimmin  
1551 East North Coal Creek Road  
Wellington, Utah 84542  
Phone: (801) 637-3412

That portion of the proposed access road route located in Section 13, T12S, R10E and the proposed well location are situated on private surface estate owned by:

Mathis Land Company  
c/o William Dale Mathis  
1252 South Fairgrounds Road  
Price, Utah 84501  
Phone: (801) 637-3768

11. Surface Ownership: Continued

I hereby certify that Cockrell Oil Corporation will enter into "good faith" negotiations with representatives of both Mathis Land Company and the Shimmin Trust in an attempt to reach an equitable agreement with both parties as to the requirements for the protection of surface resources and reclamation of disturbed areas and/or damages in lieu thereof. In the event an equitable agreement can not be reached with either party, Cockrell Oil Corporation will comply with the provisions of the law or regulations governing the Federal or Indian right of re-entry to the surface (43 CFR 3814).

16 December 1990  
Date

  
Robert M. Anderson/Authorized Agent

12. Other Information:

- A. General Description of the Project Area: The project area is situated in east central Utah in an area locally known as Emma Park. This area is classified as a "high plains steppe" (cold desert) and is bounded by the Roan Cliffs to the north, the Book Cliffs to the south, Price Canyon to the west, and the Badland Cliffs to the north-east.

The well location is situated in the uplands directly south of Summit Creek, east of Willow Creek, west of Antoine Creek, and north of Deep Canyon. This area is generally characterized by moderately to severely undulating upland areas which are dissected by numerous, dendritically-patterned ephemeral drainages of Willow Creek and the Price River. This area exhibits a sparse to moderate vegetation density which is typical of semi-arid areas at elevations above 7,000 feet. Local flora consists of western wheatgrass, mountain brome, prairie junegrass, threadleaf sedge, prickly pear cactus, sagebrush, rabbitbrush, snakeweed, and serviceberry at the lower elevations with oakbrush, mountain mahogany, aspen, juniper, fir and pine trees at the higher elevations and on protected slopes. Local fauna consists of elk, mule deer, antelope, coyotes, rabbits, raptors, and various smaller vertebrate and invertebrate species.

12. Other Information:

A. General Description of the Project Area: continued

There are no known threatened or endangered species (currently listed) that would be potentially impacted by construction, drilling and/or production operations on the proposed 1210-1304 #1 well location.

B. Surface Use Activities: The primary surface use is for grazing.

C. Proximity of Water, Occupied Dwellings, Archaeological, Historical or Cultural Sites:

1. The closest source of permanent water is Willow Creek, located approximately two (2) miles to the west.
2. The closest occupied dwellings are located in the town of Helper, located approximately 10 miles to the southwest.
3. There are no known archaeological, historical or cultural sites that will be disturbed by this proposed drilling operation.

Cockrell Oil Corporation will be responsible for informing all persons associated with this project that they shall be subject to prosecution for damaging, altering, excavating or removing any archaeological, historical, or vertebrate fossil objects or site. If archaeological, historical, or vertebrate fossil materials are discovered, Cockrell Oil Corporation will suspend all operations that further disturb such materials and immediately contact the Authorized Officer, Bureau of Land Management. Operations will not resume until written authorization to proceed is issued by the Area Manager, Price Resource Area Office, Bureau of Land Management, Price, Utah.

Within five (5) working days, the Authorized Officer will evaluate the discovery and inform Cockrell Oil Corporation of actions that will be necessary to prevent loss of significant cultural or scientific values.

12. Other Information:

C. Proximity of Water, Occupied Dwellings, Archaeological, Historical or Cultural Sites: Continued

3. Cockrell Oil Corporation will be responsible for the cost of any mitigation required by the Authorized Officer. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that the required mitigation has been completed, Cockrell Oil Corporation will be allowed to resume operations.

13. Lessee's or Operator's Representative and Certification:

Representative

Cockrell Oil Corporation  
Feldor Hollenshead, Vice President/Drilling & Production  
1600 Smith, Suite 4600  
Houston, Texas 77002-7348  
Phone: (713) 651-1271

Heitzman Drill-Site Services\*  
Dale Heitzman and/or Robert M. Anderson  
P.O. Drawer 3579  
Casper, Wyoming 82602  
Phone: (307) 266-4840

- \* Contact for any additional information which may be required for approval of this Application for Permit to Drill.

Certification

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

Cockrell Oil Corporation will be fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative(s) to ensure compliance.

Cockrell Oil Corporation  
1210-1304 #1  
Surface Use & Operations Plan  
Page 11

13. Lessee's or Operator's Representative and Certification:

Certification - Continued

The dirt contractor will be provided with a copy of the Surface Use Plan from the approved Application for Permit to Drill.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access road route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Cockrell Oil Corporation, their contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

16 October 1990  
Date

  
Robert M. Anderson, ~~Authorized~~ Agent

OPERATOR Cockrell Oil Corp N-1035 DATE 10-31-90

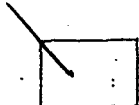
WELL NAME 1010-1304 #1

SEC NW1/4 T 10S R 10E COUNTY Carbon

13-007-30106  
API NUMBER

Leasehold (1)  
TYPE OF LEASE

CHECK OFF:



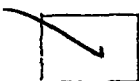
PLAT



BOND



NEAREST  
WELL



LEASE



FIELD

SLBM



POTASH OR  
OIL SHALE

PROCESSING COMMENTS:

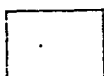
State Permit 91-Geo (T90-91-00) per Ben Wickman

ROCC 10-31-90

Eruption Location

APPROVAL LETTER:

SPACING:

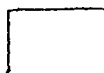


R615-2-3

N/A  
UNIT



R615-3-2



N/A

CAUSE NO. & DATE



R615-3-3

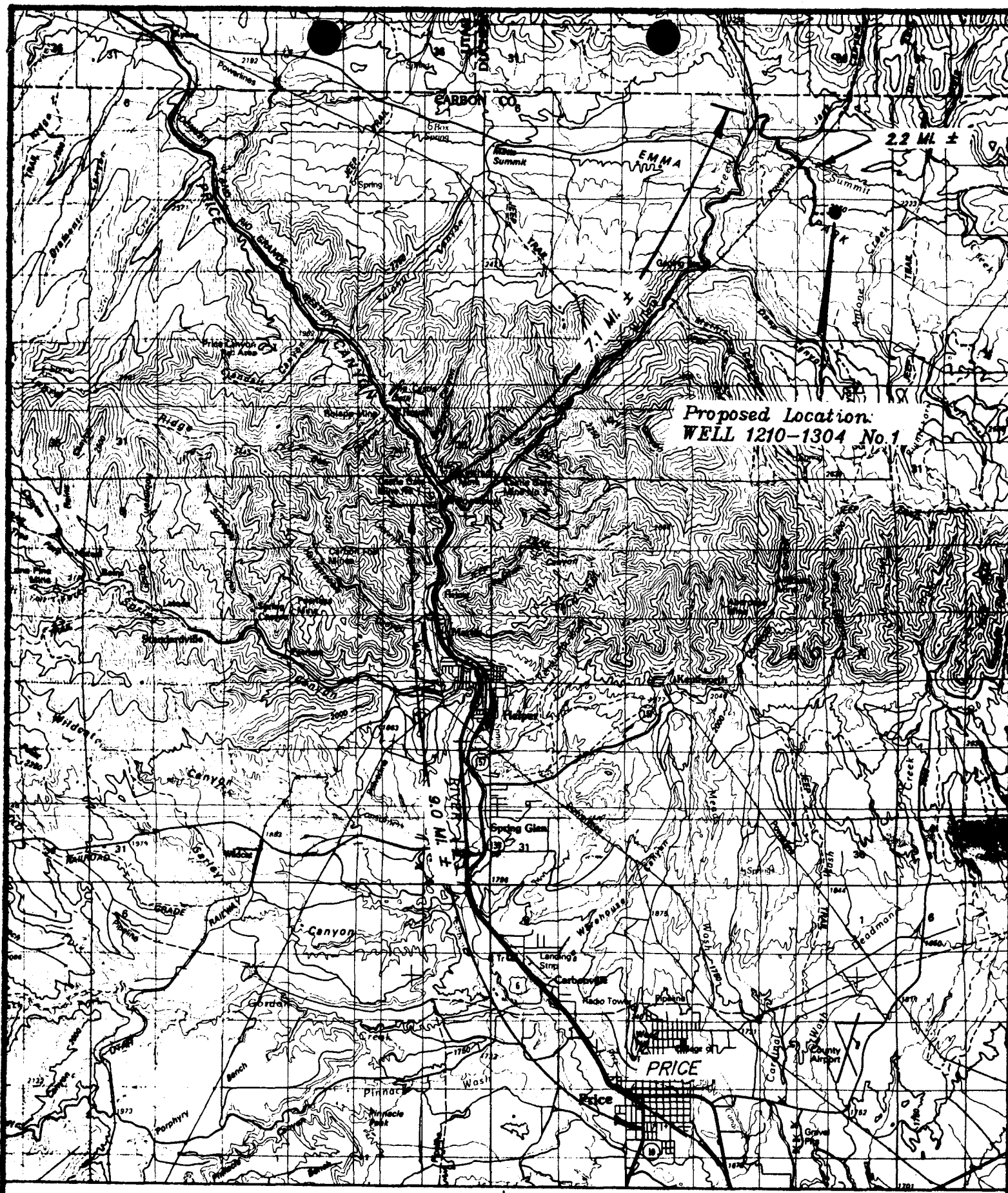
STIPULATIONS:

+ Adds state permit

CONFIDENTIAL  
PERIOD

EXPIRED

ON 9-12-94

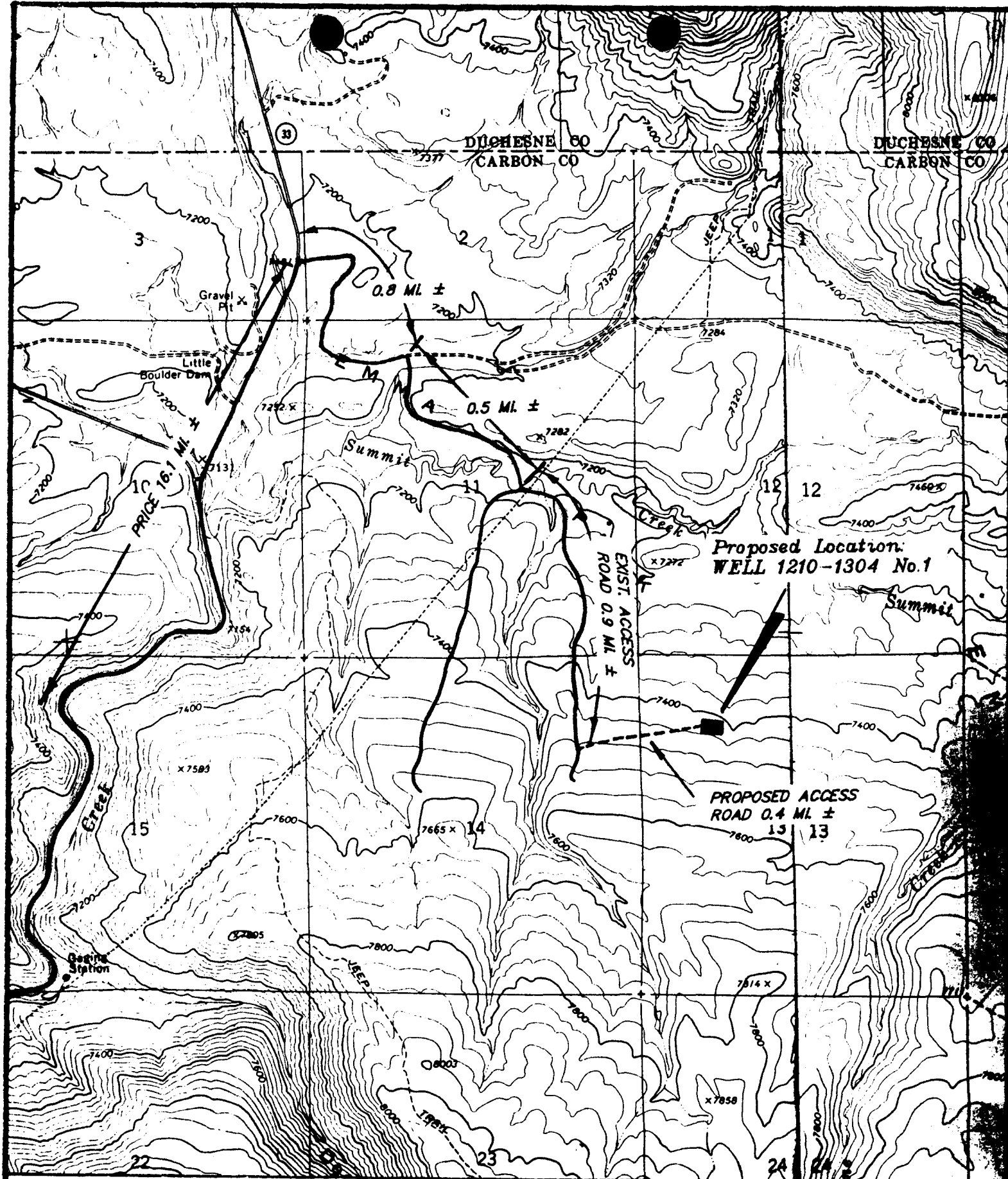


TOPOGRAPHIC  
MAP "A"  
DATE: 8-20-90



COCKRELL OIL CORP.  
WELL 1210-1304 No. 1  
SECTION 13, T12S, R10E, S.L.B.&M.





TOPOGRAPHIC

MAP "B"

SCALE 1" = 2000'

DATE: 8-20-90



COCKRELL OIL CORP.

WELL 1210-1304 No. 1

SECTION 13, T12S, R10E, S.L.B.&M.

STATE ACTIONS

Mail to:  
RDCC Coordinator  
116 State Capitol  
Salt Lake City, Utah 84114

1. ADMINISTERING STATE AGENCY  
OIL, GAS AND MINING  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203
2. STATE APPLICATION IDENTIFIER NUMBER:  
(assigned by State Clearinghouse)
3. APPROXIMATE DATE PROJECT WILL START:  
November 15, 1990
4. AREAWIDE CLEARING HOUSE(s) RECEIVING STATE ACTIONS:  
(to be sent out by agency in block 1)  
Southeastern Utah Association of Governments
5. TYPE OF ACTION: ☐ Lease ☒ Permit ☐ License ☐ Land Acquisition  
☐ Land Sale ☐ Land Exchange ☐ Other \_\_\_\_\_
6. TITLE OF PROPOSED ACTION:  
Application for Permit to Drill
7. DESCRIPTION:  
Cockrell Oil Corporation proposes to drill a wildcat well, the 1210-1304 #1 on federal lease UTU-65949 in Carbon County, Utah. This action is being presented to RDCC for consideration of resource issues affecting state interests. The U.S Bureau of Land Management is the primary administrative agency in this action and must issue approval before operations commence.
8. LAND AFFECTED (site location map required) (indicate county)  
NW/4, NW/4, Section 13, Township 12 South, Range 10 East, Carbon County, Utah
9. HAS THE LOCAL GOVERNMENT(s) BEEN CONTACTED?  
Unknown
10. POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR:  
No significant impacts are likely to occur.
11. NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE:
12. FOR FURTHER INFORMATION, CONTACT:  
R.J. Firth  
PHONE: 538-5940
13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL  
DATE: 11-1-90 Petroleum Engineer

WOI187



COCKRELL OIL  
CORPORATION

RECEIVED  
NOV 05 1990

1600 SMITH • SUITE 4600 • HOUSTON, TEXAS 77002-7348  
TELEPHONE 713/651-1271

November 1, 1990

Ms. Tammy Searing  
State of Utah  
Department of Natural Resources  
Oil, Gas & Mining  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Re: APD's 1210-1204 No. 1  
1210-2404 No. 1  
1210-1304 No. 1 *S. 13, 125, 10E*  
1210-2304 No. 1

Dear Tammy:


As discussed in our telephone conversation today, the above referenced wells are not in compliance with statewide spacing rules as they are less than 460 feet from the 40 acre boundaries. We have located them as shown in order to be close to a 160-acre spacing grid. We feel that subsequent drilling may indicate 320 acre or possibly 160 acre spacing may be optimum. If so, these wells would be within the pattern.

Cockrell Oil Corporation has under lease all the adjacent effected locations. Cockrell Oil Corporation has under lease all of sections 12, 13 and 23, and all of section 24, except the SESE  $\frac{1}{4}$ . Cockrell Oil Corporation has approximately 15,000 acres under lease in the immediate area.

I, therefore, request that the above referenced APD locations be approved as exceptions because of the probable advantages for efficient development.

If you have any questions or need any additional information, please call me. Thank you for your consideration.

Very truly yours,

  
B. E. Weichman  
Geologist

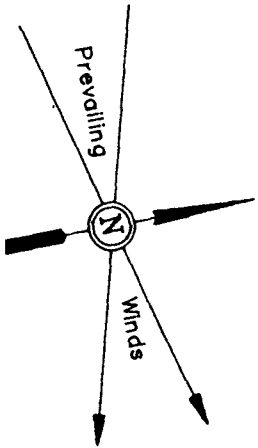
BEW:ys

# COCKRELL OIL CORP.

## LOCATION LAYOUT FOR

WELL 1210-1304 NO. 1

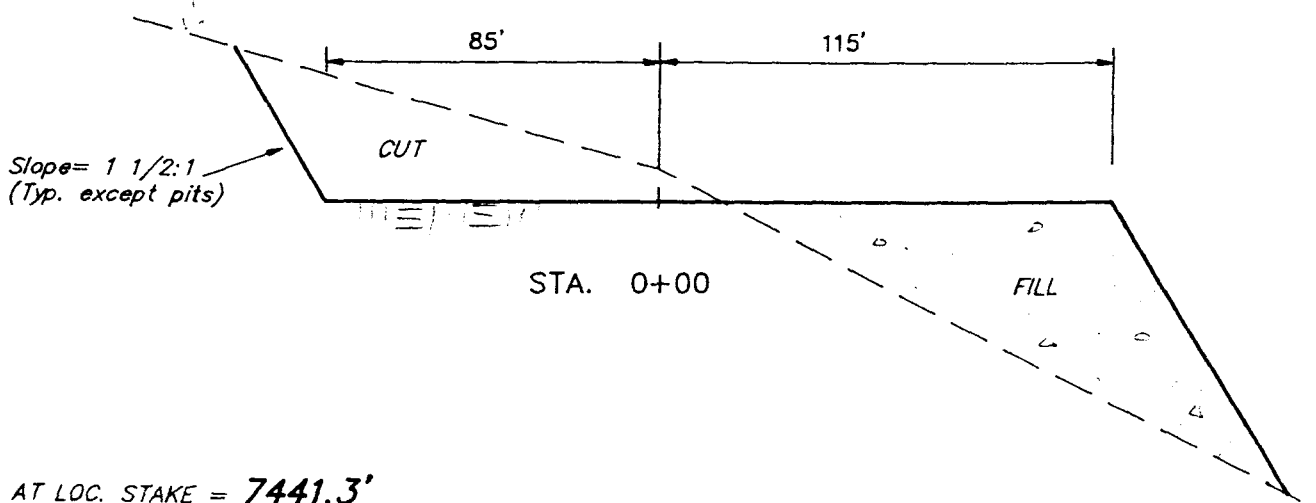
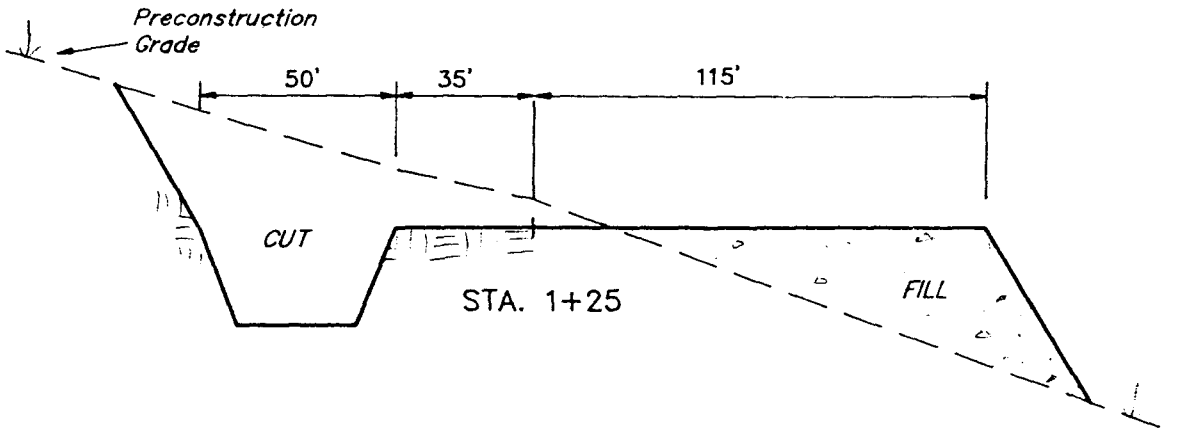
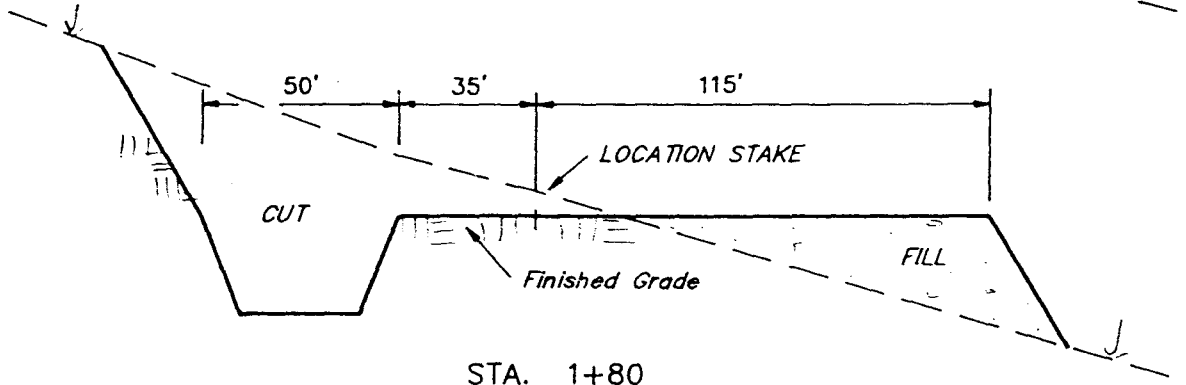
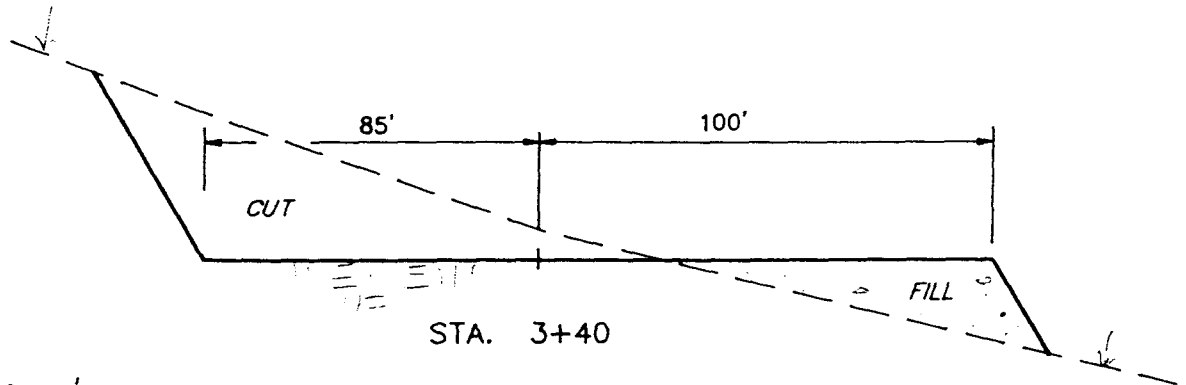
SECTION 13, T12S, R10E, S.L.B.&M.



SCALE: 1' = 50'  
DATE: 8-20-90  
Drawn By: J.R.S.  
REVISED: 9-28-90

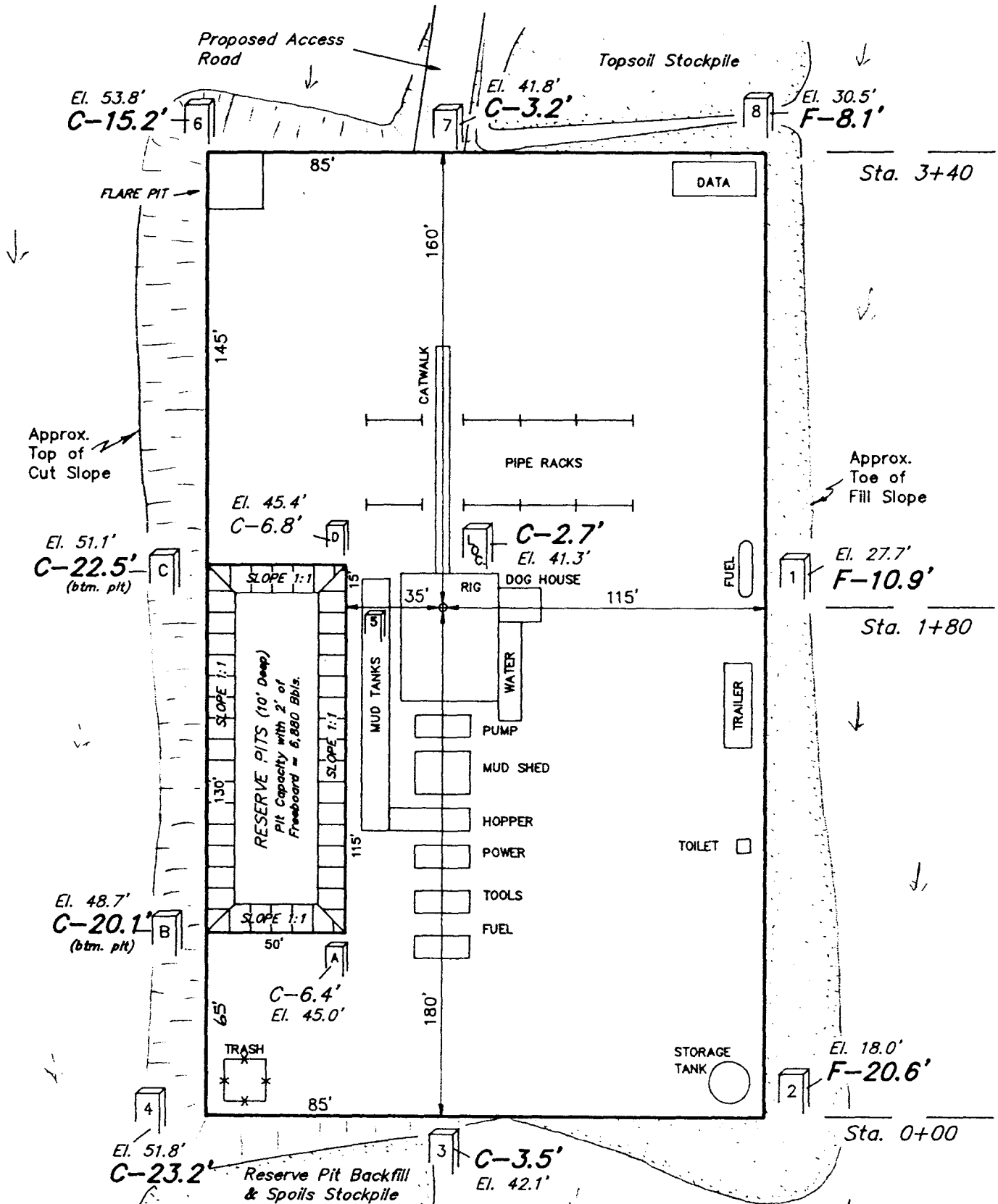
X-Section  
Scale  
1" = 50'

TYP. LOCATION LAYOUT  
TYP. CROSS SECTIONS



GRADED GROUND AT LOC. STAKE = 7441.3'  
GRADED GROUND AT LOC. STAKE = 6438.6'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East Vernal, Utah



#### APPROXIMATE YARDAGES

##### CUT

(6") Topsoil Stripping = 1,300 Cu. Yds.  
 Pit Volume (Below Grade) = 1,780 Cu. Yds.  
 Remaining Location = 10,540 Cu. Yds.

TOTAL CUT = 13,620 CU.YDS.

FILL = 10,850 CU.YDS.

##### EXCESS MATERIAL AFTER

5% COMPACTION = 2,200 Cu. Yds.  
 Topsoil & Pit Backfill = 2,190 Cu. Yds.  
 (1/2 Pit Vol.)

EXCESS UNBALANCE = 10 Cu. Yds.

(After Rehabilitation)

ELE

ELE



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

November 21, 1990

Cockrell Oil Corporation  
1600 Smith Street, Suite 4600  
Houston, Texas 77002-7348

Gentlemen:

Re: 1210-1304 #1 - NW NW Sec. 13, T. 12S, R. 10E - Carbon County, Utah  
1174' FNL, 1168' FWL

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-3, Oil and Gas Conservation General Rules.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification if it is necessary to plug and abandon the well. Notify R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

Page 2  
Cockrell Oil Corporation  
1210-1304 #1  
November 21, 1990

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-007-30126.

Sincerely,



R. J. Roth  
Associate Director, Oil & Gas

tas  
Enclosures  
cc: Bureau of Land Management  
J. L. Thompson  
we14/1-14

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☒

2. NAME OF OPERATOR

Cockrell Oil Corporation

3. ADDRESS OF OPERATOR

1600 Smith Street, Suite 4600, Houston, Texas 77002-7348

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

1174' FNL, 1168' FWL (SE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ )

At proposed prod. zone

Same As Above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately Ten (10) Miles Northeast of Helper, Utah

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1168'

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

5379.30'

16. NO. OF ACRES IN LEASE

2560

19. PROPOSED DEPTH

4800'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7441' GR

22. APPROX. DATE WORK WILL START\*

November 15, 1990

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" WC-50	23.0#	0- 400'	320 sx Circulated to Surface *
7-7/8"	5-1/2" WC-50	17.0#	0-4800'	450 sx Cement

RECEIVED

JUL 05 1991

DIVISION OF  
OIL GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNER

*Felder Hollenshead*

TITLE

Vice-President

DATE

10/15/90

(This space for Federal or State office use)

PERMIT NO.

/S/ WILLIAM C. STRINGER

APPROVAL DATE

Assistant District Manager

APPROVED BY

TITLE

for Minerals

DATE

JUL 2 1991

CONDITIONS OF APPROVAL, IF ANY:

FLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
Dated 1/1/80

CONDITIONS OF APPROVAL ATTACHED

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Attachment #1

Attachment to  
APPLICATION TO APPROPRIATE WATER

Owner: Cockrell Oil Corporation  
1600 Smith - Suite 4600  
Houston, Texas 77002-7348  
Phone: (713) 651-1271

- Item #4
1. Shimmin Trust #1 located 793 feet from the south line and 780 feet from the east line of Sec. 11, T12S, R10E. Drilled to a depth of 4,667 feet with 5-1/2" casing set to total depth.
  2. Shimmin Trust #2 located 1980 feet from the north line and 800 feet from the east line of Sec. 14, T12S, R10E. Drilled to a depth of 4,650 feet with 5-1/2" casing set to total depth.
  3. Shimmin Trust #3 located 1980 feet from the north line and 1780 feet from the west line of Sec. 14, T12S, R10E. Drilled to a depth of 4,425 feet with 5-1/2" casing set to total depth.
  4. Shimmin Trust #4 located 540 feet from the south line and 1900 feet from the west line of Sec. 11, T12S, R10E. Drilled to a depth of 4,631 feet with 5-1/2" casing set to total depth.
  5. Shimmin Trust #5 located 660 feet from the north line and 2340 feet from the east line of Sec. 14, T12S, R10E. Drilled to a depth of 4,485 feet with 5-1/2" casing set to total depth.

Item #7 Water will be in temporary storage in pits at each well location as shown on the attached plat. Pits have been approved by the Oil and Gas Conservation Commission and vary in size with average size being 1,160 barrels or 48,720 gallons.

Date: October 1, 1991

Cockrell Oil Corporation

**T12S, R10E, S.L.B.&M.**

**COCKRELL OIL CORP.**

Well location 1210-1304 No. 1, located as Shown in the NW 1/4 NW 1/4 of Section 13, T12S, R10E, S.L.B.&M. Carbon County, Utah.

**BASIS OF ELEVATION**

SPOT ELEVATION AT A RIDGE TOP IN THE SW 1/4 NE 1/4 OF SECTION 11, T12S, R10E, S.L.B.&M. TAKEN FROM THE MATTS SUMMIT QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP). PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7282 FEET.



**RECEIVED**

**JUL 05 1991**

**DIVISION OF  
OIL GAS & MINING**

**CERTIFICATE**

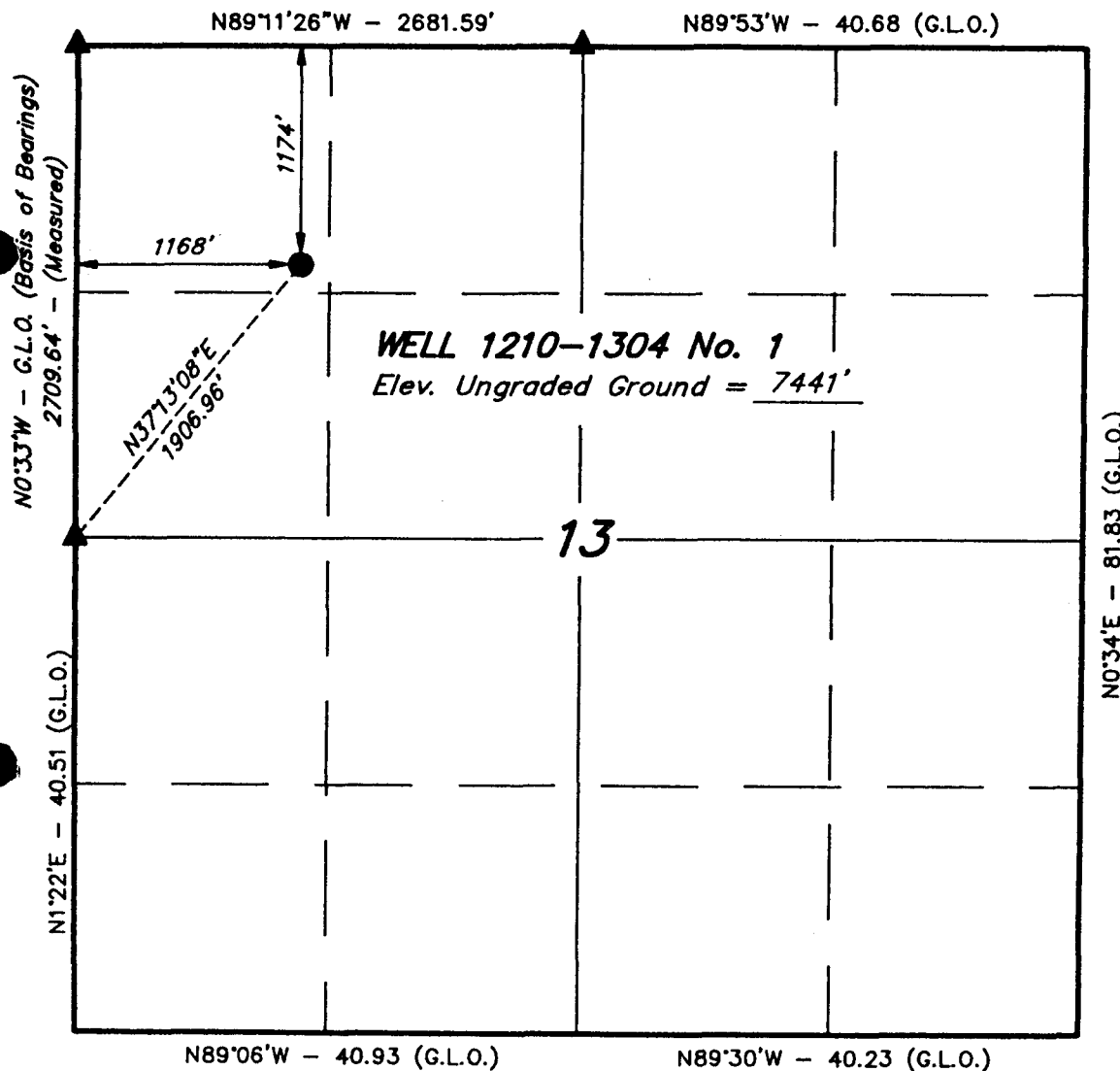
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 5709  
STATE OF UTAH

REVISED: 10-15-90

**UTAH ENGINEERING & LAND SURVEYING**  
**P. O. BOX 1758 - 85 SOUTH - 200 EAST**  
**VERNAL, UTAH - 84078**

SCALE 1" = 1000'	DATE 8-20-90
PARTY R.L.K. L.D.T. J.T.K. T.D.H.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE COCKRELL OIL CORP.



▲ = SECTION CORNERS LOCATED. (Bross Caps)

TEMPORARY

RECEIVED

RECEIVED

NOV 13 1991

OCT 28 1991

OCT 21 1991

Rec. by

Fee Rec.

Receipt #

30.00  
31932DIVISION OF  
OIL GAS & MINING

## APPLICATION TO APPROPRIATE WATER

WATER RIGHTS

Microfilmed

Roll #

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements to Title 73, Chapter 3 of the Utah Code Annotated (1953, as amended).

\*WATER RIGHT NO. 91 - 4819

\*APPLICATION NO. A T65703

1. \*PRIORITY OF RIGHT: October 21, 1991 \*FILING DATE: October 21, 1991

## 2. OWNER INFORMATION

Name(s): Cockrell Oil Corporation

\*Interest: %

Address: 1600 Smith Suite 4600

City: Houston

State: Texas

Zip Code: 77002

Is the land owned by the applicant? Yes No ☒ (If "No", please explain in EXPLANATORY section.)

3. QUANTITY OF WATER: Existing Underground cfs and/or 3.0 ac-ft.

4. SOURCE: Exploratory Wells

\*DRAINAGE:

which is tributary to

which is tributary to

POINT(S) OF DIVERSION:

COUNTY: Carbon

See Attachment #1

Description of Diverting Works: 5½ inch casing, 4425 ft. to 4667 ft. deep

\*COMMON DESCRIPTION: 10 miles NE of Helper

Matts Summit Quad

## 5. POINT(S) OF REDIVERSION

The water will be rediverted from at a point:

N. 550 ft. &amp; E. 1950 ft. from SW Cor. Sec. 11, T12S, R10E, SLB&amp;M.

Description of Diverting Works: Portable pump to tank truck

## 6. POINT(S) OF RETURN

The amount of water consumed will be cfs or 3.0 ac-ft.

The amount of water returned will be cfs or ac-ft.

The water will be returned to the natural stream/source at a point(s):

## 7. STORAGE

Reservoir Name: See Attachment #1 Storage Period: from to

Capacity: ac-ft. Inundated Area: acres.

Height of dam: feet

Legal description of inundated area by 40 acre tract(s):

\* These items are to be completed by the Division of Water Rights

Appropriate

8. List any other water rights which will supplement this application \_\_\_\_\_

9. NATURE AND PERIOD OF USE

Irrigation:	From _____ to _____
Stockwatering:	From _____ to _____
Domestic:	From _____ to _____
Municipal:	From _____ to _____
Mining:	From _____ to _____
Power:	From _____ to _____
Other:	From <u>Oct. 5, 1991</u> to <u>May 31, 1992</u>

10. PURPOSE AND EXTENT OF USE

Irrigation: \_\_\_\_\_ acres. Sole supply of \_\_\_\_\_ acres.  
Stockwatering (number and kind): \_\_\_\_\_  
Domestic: \_\_\_\_\_ Families and/or \_\_\_\_\_ Persons.  
Municipal (name): \_\_\_\_\_  
Mining: \_\_\_\_\_ Mining District in the \_\_\_\_\_ Mine.  
Ores mined: \_\_\_\_\_  
Power: Plant name: \_\_\_\_\_ Type: \_\_\_\_\_ Capacity: \_\_\_\_\_  
Other (describe): Drilling of coalbed methane wells and a water disposal well,  
Road Construction and Maintenance.

11. PLACE OF USE

Legal description of place of use by 40 acre tract(s): See Attachment #2  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

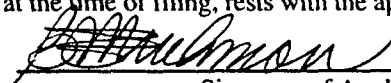
12. EXPLANATORY

The following is set forth to define more clearly the full purpose of this application. (Use additional pages of the same size if necessary):

Cockrell intends to drill the wells mentioned in Attachment #2 and requests permission to use the water produced from the 5 Shimmin Trust Wells for this purpose. The water is produced with methane gas from Mesaverde coals. This water is not tributary to any stream system; but, is confined in the coal beds until produced. Cockrell has leased the right for this operation from the owner.  
Supplemental with Temporary Change Application #t91-91-09.

\*\*\*\*\*

The applicant(s) hereby acknowledges that he/she/they are a citizen(s) of the United States of America or intends to become such a citizen(s). The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purposes herein described. The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

  
\_\_\_\_\_  
B. E. Weichman, Special Projects Manager

\*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its authorized agent, or in the name of the partnership by one of the partners.

\_\_\_\_\_  
Authorized Agent (please print)

\_\_\_\_\_  
Authorized Agent (signature)

Cockrell Oil Corporation  
Well No. 1210-1304 #1  
NWNW Sec. 13, T. 12 S., R. 10 E.  
Carbon County, Utah  
Lease U-65949

#### CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Cockrell Oil Corporation is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT0794 (Principal - Cockrell Oil Corporation) via surety consent as provided for in 43 CFR 3104.3.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

#### A. DRILLING PROGRAM

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Orders 1, 2, 3, 4 and 5 and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions and the approved plan will be made available to the field representative to insure compliance.

1. Surface casing shall have a centralizer on each of the bottom three joints.
2. No hexavalent chromate additives will be used in the mud system in order to protect usable quality water aquifers.
3. Daily drilling and completion progress reports shall be submitted to the Moab District Office on a weekly basis.
4. Produced waste water will be confined to a unlined pit for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the Assistant District Manager's approval pursuant to Onshore Oil and Gas Order No. 3 (NTL-2B).
5. Required verbal notifications are summarized in Table 1, attached. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the District Office within twenty-four (24) hours after spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.

C. SURFACE USE PLAN

1. Copies of all water analysis required by the State of Utah in relation to surface discharge of produced water will be submitted to the Moab District Office, Bureau of Land Management.
2. Plans will be formulated for long term monitoring of aquifers and springs in the area of proposed development prior to approval of further Applications for Permit to Drill.
3. There will be no deviation from the proposed drilling and/or workover program without prior approval from the Assistant District Manager for Minerals. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned and/or separate facilities, will be identified in accordance with 43 CFR 3162.6.
4. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.6.
5. The dirt contractor will be provided with an approved copy of the surface use plan.
6. This permit will be valid for a period of one (1) year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

NOTIFICATIONS

Notify Mike Kaminski of the Price River Resource Area, at  
(801) 637-4584 for the following:

2 days prior to commencement of dirt work, construction or reclamation;

1 day prior to spudding;

50 feet prior to reaching surface casing depth;

3 hours prior to testing BOP's and surface casing.

If the person at the above number cannot be reached, then notify Fred Oneyear in the Moab District Office at (801) 259-6111 or at home (801) 259-5937 (If unsuccessful, then notify one of the following people listed below).

Notify the Moab District Office, Branch of Fluid Minerals at (801) 259-6111 for the following:

No well abandonment operations will be commenced without the prior approval of the Assistant District Manager, Minerals Division. In the case of newly drilled dry holes, and in emergency situations, verbal approval can be obtained by calling the following individuals, in the order listed.

Dale Manchester, Petroleum Engineer      Office Phone: (801) 259-6111

Home Phone: (801) 259-6239

Eric Jones, Petroleum Engineer      Office Phone: (801) 259-6111

Home Phone: (801) 259-2214

If unable to reach the above individuals including weekends, holidays, or after hours please call the following:

Lynn Jackson,      Office Phone: (801) 259-6111

Chief, Branch of Fluid Minerals

Home Phone: (801) 259-7990

24 HOURS ADVANCE NOTICE IS REQUIRED FOR ALL ABANDONMENTS



COCKRELL OIL  
CORPORATION

1600 SMITH, SUITE 4600, HOUSTON, TEXAS 77002-7348  
TELEPHONE 713/750-9311

FELDOR HOLLENSHEAD  
Vice President  
Drilling and Production

November 21, 1991

Mr. Ron Firth, Director  
Oil & Gas  
Division of Oil Gas and Mining  
Dept. of Natural Resources  
3 Triad Center, Suite 350  
Salt Lake City, Utah 94180-1203

Dear Ron:

Enclosed please find our applications to extend the permit to drill on five proposed wells which I believe are scheduled to expire on 11-21-91. Your office was very prompt when originally approving these APD's; however, the BLM required an EA to be completed before other wells in the program were approved. Now that the EA has been completed, we hope to drill these locations in 1992.

Sincerely yours,

  
Ben Weichman  
Special Projects Manager

BW:aa

RECEIVED

NOV 25 1991

DIVISION OF  
OIL GAS & MINING



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		6. Lease Designation and Serial Number UTU-65949
2. Name of Operator Cockrell Oil Corporation		7. Indian Allottee or Tribe Name N/A
3. Address of Operator 1600 Smith, Suite 4600, Houston, Texas 77002-7348		8. Unit or Communitization Agreement N/A
4. Telephone Number (713) 651-1271		9. Well Name and Number 1210-1304 No. 1
5. Location of Well Footage : 1174' FNL, 1168' FWL (SE NW NW) QQ, Sec. T., R., M. : Sec. 13, T12S, R10E		10. API Well Number 43-007-30126
County : Carbon		11. Field and Pool, or Wildcat Wildcat
State : UTAH		

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
<p><b>NOTICE OF INTENT</b> (Submit in Duplicate)</p> <p><input type="checkbox"/> Abandonment <input type="checkbox"/> New Construction  <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing  <input type="checkbox"/> Change of Plans <input type="checkbox"/> Recompletion  <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Shoot or Acidize  <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Vent or Flare  <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Water Shut-Off  <input checked="" type="checkbox"/> Other <u>Application for Extension</u></p> <p>Approximate Date Work Will Start _____</p>	<p><b>SUBSEQUENT REPORT</b> (Submit Original Form Only)</p> <p><input type="checkbox"/> Abandonment * <input type="checkbox"/> New Construction  <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing  <input type="checkbox"/> Change of Plans <input type="checkbox"/> Shoot or Acidize  <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Vent or Flare  <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Water Shut-Off  <input type="checkbox"/> Other _____</p> <p>Date of Work Completion _____</p> <p>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  * Must be accompanied by a cement verification report.</p>

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This APD and four others submitted by Cockrell Oil Corp. were approved by Utah Division of Oil Gas and Mining on 11-21-90. However, approval on other locations was withheld by the U.S. Bureau of Land Management until an Environmental Analysis was approved last summer. This delayed our overall program for drilling in 1991. Therefore we request a one year extension of the application to drill this location.

APPROVED BY THE STATE  
OF UTAH  
DIVISION OF OIL, GAS AND MINING

11-21-91

*[Signature]*

**RECEIVED**

NOV 25 1991

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

(State Use Only)

Attachment #2

Temporary Change Application  
Number t91-91-09  
Cockrell Oil Corporation  
October 8, 1991

Proposed Well Locations  
All locations in T12S, R10E, SLB&M:

- 1) 1210-0801: S. 415 ft. & W. 288 ft. from NE Cor. Sec. 8 (NE4NE4) 43-007-30127
- 2) 1210-0806: S. 2400 ft. & E. 1769 ft. from NW Cor. Sec. 8 (SE4NW4) 43-007-30127
- 3) 1210-0708: S. 2000 ft. & W. 600 ft. from NE Cor. Sec. 7 (SE4NE4) 43-007-30131
- 4) 1210-0907: S. 2000 ft. & W. 2050 ft. from NE Cor. Sec. 9 (SW4NE4) 43-007-30127
- 5) 1210-0313: N. 750 ft. & E. 650 ft. from SW Cor. Sec. 3 (SW4SW4) 43-007-30127
- 6) 1210-1204: S. 1100 ft. & E. 1200 ft. from NW Cor. Sec. 12 (NW4NW4) 43-007-30127
- 7) 1210-1304: S. 1150 ft. & E. 1200 ft. from NW Cor. Sec. 13 (NW4NW4) 43-007-30126
- 8) 1210-1504: S. 700 ft. & E. 500 ft. from NW Cor. Sec. 15 (NW4NW4) 43-007-30127
- 9) 1210-1609: N. 2000 ft. & W. 775 ft. from SE Cor. Sec. 16 (NE4SE4) 43-007-30126
- 10) 1210-1602: S. 700 ft. & W. 1900 ft. from NE Cor. Sec. 16 (NW4NE4) 43-007-30127
- 11) 1210-2302: S. 800 ft. & W. 1800 ft. from NE Cor. Sec. 23 (NW4NE4) 43-007-30130
- 12) 1210-2310: N. 2000 ft. & W. 1950 ft. from SE Cor. Sec. 23 (NW4SE4) 43-007-30126
- 13) 1210-2404: S. 1150 ft. & E. 1200 ft. from NW Cor. Sec. 24 (NW4NW4) 43-007-30127
- 14) 1210-2412: N. 2100 ft. & E. 475 ft. from SW Cor. Sec. 24 (NW4SW4) 43-007-30127

STATE ENGINEER'S ENDORSEMENT

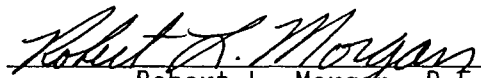
WATER RIGHT NUMBER: 91 - 4819

APPLICATION NO. T65703

1. October 21, 1991      Application received by JD.
  2. October 23, 1991      Application designated for APPROVAL by MP and KLJ.
  3. Comments:
- 
- 

Conditions:

This application is hereby APPROVED, dated November 8, 1991, subject to prior rights and this application will expire on November 8, 1992.

  
Robert L. Morgan, P.E.  
State Engineer

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.  
UTU-65949

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA, Agreement Designation  
N/A

8. Well Name and No.  
1210-1304 #1

9. API Well No.  
43-007-30126

10. Field and Pool, or Exploratory Area  
Wildcat

11. County or Parish, State  
Carbon County, Utah

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Cockrell Oil Corporation

3. Address and Telephone No.  
1600 Smith, Suite 4600 Houston, TX 77002

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1174' FNL & 1168' FWL (SE NW NW) Sec 13, T12S, R10E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other APD Extension	<input type="checkbox"/> Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Request for APD Extension. Drilling program delayed pending environmental studies.

RECEIVED

JUN 23 1992

DIVISION OF  
OIL GAS & MINING

DATE: 6-24-92  
BY: [Signature]

14. I hereby certify that the foregoing is true and correct

Signed: [Signature] Title: Mgr. Special Projects Date: 6/22/92

(This space for Federal or State office use)

Approved by: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

Conditions of approval, if any: \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number  
UTU-65949

7. Indian Allottee or Tribe Name  
N/A

8. Unit or Communitization Agreement  
N/A

### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other (specify)

9. Well Name and Number  
1210-1304 #1

2. Name of Operator  
PG&E Resources

10. API Well Number  
43-007-30126

3. Address of Operator  
5950 Berkshire Ln., Ste. 600, Dallas, TX

4. Telephone Number

11. Field and Pool, or Wildcat  
Wildcat

5. Location of Well

Footage : 1174' FNL, 1168' FWL  
QQ, Sec. T., R., M. : SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 13, T12S, R10E

County : Carbon

State : UTAH

### 12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate Date Work Will Start \_\_\_\_\_

#### SUBSEQUENT REPORT (Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment *           | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other _____  | Change of Operator                            |

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised PG&E Resources Company has acquired the above named well from Cockrell Oil Corporation, 1600 Smith Street, Suite 4600, Houston, TX 77002-7348, as of July 1, 1992.

Bond coverage for this well will be provided by Bond No. 8063-38-07 and by Bond No. 8057-26-00.

**RECEIVED**

JUL 10 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature Jim LaFevers

*Jim LaFevers*

Title Regulatory Affairs Date 7/6/92

(State Use Only)

July 6, 1992

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Attn: Mr. R.J. Firth  
Associate Director Oil & Gas

RE: Change of Operator  
Castlegate, CBM Project  
Cockrell Oil Corporation  
to PG&E Resources Company

Dear Sir:

Please find enclosed for the above referenced subject Sundry Notices; Form 9 (in triplicate) for the following wells located in Carbon County:

STATE

Schimmin Trust No. 1  
Schimmin Trust No. 2  
Schimmin Trust No. 3  
Schimmin Trust No. 4  
Schimmin Trust No. 5  
1210-1602 No. 1  
1210-1609 No. 1

FEDERAL

1210-0313 No. 1  
1210-0708 No. 1  
1210-0806 No. 1  
1210-0907 No. 1  
1210-1204 No. 1  
1210-1304 No. 1  
1210-1504 No. 1  
1210-2302 No. 1  
1210-2304 No. 1  
1210-2310 No. 1  
1210-2404 No. 1  
1210-2412 No. 1

RECEIVED

JUL 10 1992

DIVISION OF  
OIL GAS & MINING

Should additional information be required or if questions arise, please contact the undersigned at (214) 750-3988.

Sincerely,



Jim LaFevers  
Regulatory Affairs Supervisor

JL/ap

wp51/jl/chgoper.ltr

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. UTU-65949
2. Name of Operator PG&E Resources Company	6. If Indian, Allottee or Tribe Name N/A
3. Address and Telephone No. 5950 Berkshire, Suite 600, Dallas, TX 75225	7. If Unit or CA, Agreement Designation N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1174' FNL, 1168' FWL SE, NW, Sec. 13, T12S, R10E	8. Well Name and No. Federal #4-13
	9. API Well No. 43-007-30126
	10. Field and Pool, or Exploratory Area Wildcat
	11. County or Parish, State Carbon

**12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Change well name</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This report is to reflect a change in well name. This well was formerly addressed as:

Federal 1210-1304 #1

Please change your records accordingly.

If you should have any questions, please direct them to Jim LaFevers (214) 750-3988.

RECEIVED

JUL 30 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Jim LaFevers Title Regulatory Affairs Supervisor Date 7/16/92  
(This space for Federal or State office use)  
Approved by William C. Stinger Title Assistant District Manager  
Conditions of approval, if any: for Minerals Date 7/27/92  
Approved WLM ALJ 7/24/92

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

STATE ENGINEER'S ENDORSEMENT

TEMPORARY CHANGE APPLICATION NUMBER: t92-91-12

1. July 31, 1992      Change Application received by BW.
2. July 31, 1992      Application designated for APPROVAL by MP.
3. Comments:

---

---

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## Conditions:

This application is hereby APPROVED, dated July 31, 1992, subject to prior rights and this application will expire on November 30, 1992.

*for* William A. Blumrich  
Mark Page, Area Engineer  
for  
Robert L. Morgan, State Engineer



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.  
UTU-65949

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA, Agreement Designation  
N/A

8. Well Name and No.  
1210-1304 #1

9. API Well No.  
43-007-30126

10. Field and Pool, or Exploratory Area  
Wildcat

11. County or Parish, State  
Carbon, UT

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

PG&E Resource Company

3. Address and Telephone No.

5950 Berkshire Lane, Suite 600, Dallas, TX 75225

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1174' FNL, 1168' FWL, SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 13, T12S, R10E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change of Operator  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please be advised PG&E Resources Company has acquired the above named well from Cockrell Oil Corporation, 1600 Smith Street, Suite 4600, Houston, TX 77002-7348, as of July 1, 1992.

Bond coverage for this well will be provided by Bond No. U-187011.

RECEIVED

JUL 30 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Jan L. Fervers

Title Regulatory Affairs Supervisor

Date 7/6/92

(This space for Federal or State office use)

Approved by William C. Hunsger

Title Assistant District Manager

Date 7/27/92

Conditions of approval, if any:

CONDITIONS OF

ATTACHMENT

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Cockrell Oil Corporation  
Well No. 1210-1304 #1  
SE/NW/NW Sec. 13, T. 12 S., R.10 E.  
Carbon, County, Utah  
Lease U-65949

**CONDITIONS OF APPROVAL**

Based on the original APD approval and Onshore Oil and Gas Order No. 1, Cockrell Oil Corporation is hereby granted a one time 90 day extension to commence drilling operations under this permit or until October 30, 1992. After permit termination, a new application must be filed for approval.

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1- <del>VLC</del>	7-1-92
2- <del>DTB</del>	
3- <del>VLC</del>	
4- <del>RJF</del>	
5- <del>RWM</del>	
6- <del>ADA</del>	

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-1-92)

TO (new operator) <u>PG&amp;E RESOURCES COMPANY</u>	FROM (former operator) <u>COCKRELL OIL CORPORATION</u>
(address) <u>5950 BERKSHIRE LN #600</u>	(address) <u>1600 SMITH STE 4600</u>
<u>DALLAS, TX 75225</u>	<u>HOUSTON, TX 77002-7348</u>
<u>JIM LEFEVERS</u>	
phone ( <u>214</u> ) <u>750-3824</u>	phone ( <u>713</u> ) <u>651-1271</u>
account no. <u>N 0595(X)</u>	account no. <u>N 1035</u>

Well(s) (attach additional page if needed):

Name: <u>1210-2310 #1/DRL</u>	API: <u>43-007-30124</u>	Entity: <u>99999</u>	Sec <u>23</u> Twp <u>12S</u> Rng <u>10E</u> Lease Type: <u>U-65949</u>
Name: <u>1210-1204 #1/DRL</u>	API: <u>43-007-30125</u>	Entity: <u>99999</u>	Sec <u>12</u> Twp <u>12S</u> Rng <u>10E</u> Lease Type: <u>U-65949</u>
Name: <u>[REDACTED]</u>	API: <u>43-007-30126</u>	Entity: <u>99999</u>	Sec <u>13</u> Twp <u>12S</u> Rng <u>10E</u> Lease Type: <u>U-65949</u>
Name: <u>1210-2404 #1/DRL</u>	API: <u>43-007-30127</u>	Entity: <u>99999</u>	Sec <u>24</u> Twp <u>12S</u> Rng <u>10E</u> Lease Type: <u>U-65949</u>
Name: <u>1210-2304 #1/DRL</u>	API: <u>43-007-30128</u>	Entity: <u>99999</u>	Sec <u>23</u> Twp <u>12S</u> Rng <u>10E</u> Lease Type: <u>U-65949</u>
Name: <u>1210-0313 #1/DRL</u>	API: <u>43-007-30134</u>	Entity: <u>99999</u>	Sec <u>3</u> Twp <u>12S</u> Rng <u>10E</u> Lease Type: <u>U-65948</u>
Name: <u>1210-0708 #1/DRL</u>	API: <u>43-007-30135</u>	Entity: <u>99999</u>	Sec <u>7</u> Twp <u>12S</u> Rng <u>10E</u> Lease Type: <u>U-65948</u>

CONT.

**OPERATOR CHANGE DOCUMENTATION**

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *\* Btm Approvals rec'd 7-30-92.*
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 7-10-92)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_.
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(7-31-92)*
- See 6. Cardex file has been updated for each well listed above. *(7-31-92)*
- See 7. Well file labels have been updated for each well listed above. *(7-31-92)*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(7-31-92)*
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- Y 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_\_. Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- Y 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- Y 2. Copies of documents have been sent to State Lands for changes involving State leases.  
8/25/92 to Ed Bonner

## FILMING

- Y 1. All attachments to this form have been microfilmed. Date: Aug 27 1992.

## FILING

- Y 1. Copies of all attachments to this form have been filed in each well file.
- Y 2. The original of this form and the original attachments have been filed in the Operator Change file.

## COMMENTS

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: PG&E 43-007-30126

WELL NAME: FEDERAL 4-13

Section 13 Township 12S Range 10E County CARBON

Drilling Contractor

Rig #

SPUDDED: Date 7/31/92

Time

How RAT HOLE

Drilling will commence

Reported by JAKE NEVES

Telephone # 1-637-8808

Date 7/31/92 SIGNED FRM



STATE OF UTAH  
NATURAL RESOURCES  
Water Rights

Norman H. Bangertor, Governor  
Dee C. Hansen, Executive Director  
Robert L. Morgan, State Engineer.

Southeastern Area • 453 S. Carbon Avenue • P.O. Box 718 • Price, UT 84501-0718 • 801-637-1303

July 31, 1992

West Hazmat Oil Field Services Inc.  
Attn: Dale Price  
East Highway 40  
Roosevelt, Utah 84066

Re: Temporary Change Application #t92-91-12  
Expiration Date: November 30, 1992

Dear Mr. Price:

The above referenced Temporary Change Application is hereby approved, and a copy is enclosed for your information and records.

If you have any questions, please feel free to contact me.

Sincerely,

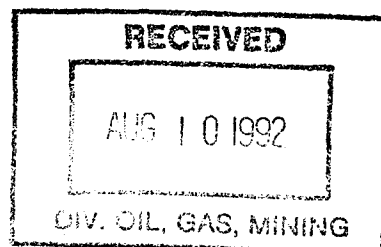
*William A. Warrick*

*for*

Mark P. Page  
Regional Engineer

cc: Bob Davis - Price River Commissioner

Enclosures  
MPP/mjk



# APPLICATION FOR TEMPORARY CHANGE OF WATER

AUG 10 1992

DIV. OIL, GAS, MINING

STATE OF UTAH

WATER RIGHTS

Rec. by \_\_\_\_\_

Fee Paid \$ \_\_\_\_\_

Receipt # \_\_\_\_\_

Microfilmed \_\_\_\_\_

Roll # \_\_\_\_\_

For the purpose of obtaining permission to make a temporary change of water in the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Section 73-3-3 Utah Code Annotated 1953, as amended.

\*WATER RIGHT NO. 91 Area \_\_\_\_\_ \*APPLICATION NO. 92 91 12

Changes are proposed in (check those applicable)

☒ point of diversion. ☒ place of use. ☒ nature of use. ☒ period of use.

## 1. OWNER INFORMATION

Name: West Hazmat Oil Field Services Inc. \*Interest: \_\_\_\_\_%

Address: East Highway 40

City: Roosevelt State: Utah Zip Code: 84066

2. \*PRIORITY OF CHANGE: July 31, 1992 \*FILING DATE: July 31, 1992

\*Is this change amendatory? (Yes/No): No

3. RIGHT EVIDENCED BY: 91-366, Cert. #a229, Morse Decree First Class

Prior Approved Temporary Change Applications for this right: t91-91-09; t92-91-03; t92-91-04;  
t92-91-05; t92-91-09; t92-91-10.

\*\*\*\*\* HERETOFORE \*\*\*\*\*

4. QUANTITY OF WATER: 7.98 cfs and/or \_\_\_\_\_ ac-ft.

5. SOURCE: Price River

6. COUNTY: Carbon

7. POINT(S) OF DIVERSION: \_\_\_\_\_  
S. 560 ft. & E. 680 ft. from N $\frac{1}{2}$  Cor. Sec. 1, T14S, R9E, SLB&M.

Description of Diverting Works: Concrete diversion dam, earthen ditches

## 8. POINT(S) OF REDIVERSION

The water has been rediverted from \_\_\_\_\_ at a point: \_\_\_\_\_

Description of Diverting Works: \_\_\_\_\_

## 9. POINT(S) OF RETURN

The amount of water consumed is 7.98 cfs or \_\_\_\_\_ ac-ft.

The amount of water returned is \_\_\_\_\_ cfs or \_\_\_\_\_ ac-ft.

The water has been returned to the natural stream/source at a point(s): \_\_\_\_\_

\*These items are to be completed by the Division of Water Rights.

Temporary Change

## 10. NATURE AND PERIOD OF USE

Irrigation: From March 1 to November 30  
Stockwatering: From \_\_\_\_\_ to \_\_\_\_\_  
Domestic: From \_\_\_\_\_ to \_\_\_\_\_  
Municipal: From \_\_\_\_\_ to \_\_\_\_\_  
Mining: From \_\_\_\_\_ to \_\_\_\_\_  
Power: From \_\_\_\_\_ to \_\_\_\_\_  
Other: From \_\_\_\_\_ to \_\_\_\_\_

## 11. PURPOSE AND EXTENT OF USE

Irrigation: 12,576.07 acres. Sole supply of 488.10 acres.

Stockwatering (number and kind): \_\_\_\_\_

Domestic: \_\_\_\_\_ Families and/or \_\_\_\_\_ Persons.

Municipal (name): \_\_\_\_\_

Mining: \_\_\_\_\_ Mining District in the \_\_\_\_\_ Mine.

Ores mined: \_\_\_\_\_

Power: Plant name: \_\_\_\_\_ Type: \_\_\_\_\_ Capacity: \_\_\_\_\_

Other (describe): \_\_\_\_\_

## 12. PLACE OF USE

Legal description of place of use by 40 acre tract(s): Carbon Canal Delivery System

## 13. STORAGE

Reservoir Name: \_\_\_\_\_ Storage Period: from \_\_\_\_\_ to \_\_\_\_\_

Capacity: \_\_\_\_\_ ac-ft. Inundated Area: \_\_\_\_\_ acres.

Height of dam: \_\_\_\_\_ feet.

Legal description of inundated area by 40 tract(s): \_\_\_\_\_

## \*\*\*\*\* THE FOLLOWING CHANGES ARE PROPOSED \*\*\*\*\*

14. QUANTITY OF WATER: \_\_\_\_\_ cfs and/or 13.0 ac-ft.

15. SOURCE: 1) Willow Creek 2) Underground Exploratory Wells

Balance of the water will be abandoned: \_\_\_\_\_, or will be used as heretofore: X

16. COUNTY: Carbon

17. POINT(S) OF DIVERSION: See Attached Sheet

Description of Diverting Works: 1) Portable pump to tank truck 2) Existing 5½" casing,  
4425 to 4667 feet deep  
COMMON DESCRIPTION: 10 miles NE of Helper Matts Summit Quad

## 18. POINT(S) OF REDIVERSION

The water will be rediverted from \_\_\_\_\_ at a point: \_\_\_\_\_

Description of Diverting Works: \_\_\_\_\_

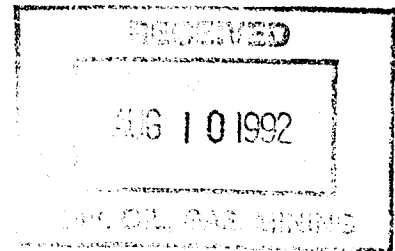
## 19. POINT(S) OF RETURN

The amount of water to be consumed is \_\_\_\_\_ cfs or 13.0 ac-ft.

The amount of water to be returned is \_\_\_\_\_ cfs or \_\_\_\_\_ ac-ft.

The water will be returned to the natural stream/source at a point(s): \_\_\_\_\_





August 6, 1992

Division of Oil, Gas & Mining  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Attn: Tammi Searing

Re: PG & E Resources Company  
Castlegate Prospect  
Application for Temporary Change  
of Water 43-001-30126  
Carbon County, Utah

Dear Tammi,

Enclosed please find one copy of the Application for Temporary Change of Water for PG & E's Castlegate Prospect in Carbon County, Utah.

As you know, several Applications for Permit to Drill have already been submitted and several additional applications will be forthcoming.

In future applications I will reference the Change Application Number (t92-91-12 (91 Area), rather than send additional copies of this application.

If you should need additional information, please feel free to contact me.

Sincerely,

PERMITCO INC.

Lisa L. Smith  
Consultant for:  
PG & E Resources Company

Enc.

cc: PG & E Resources - Dallas, TX  
PG & E Resources - Vernal, UT

Permitco Incorporated  
A Petroleum Permitting Company

13585 Jackson Drive Denver, Colorado 80241 (303) 452-8888

## -20. NATURE AND PERIOD OF USE

Irrigation: From \_\_\_/\_\_\_/\_\_\_ to \_\_\_/\_\_\_/\_\_\_  
Stockwatering: From \_\_\_/\_\_\_/\_\_\_ to \_\_\_/\_\_\_/\_\_\_  
Domestic: From \_\_\_/\_\_\_/\_\_\_ to \_\_\_/\_\_\_/\_\_\_  
Municipal: From \_\_\_/\_\_\_/\_\_\_ to \_\_\_/\_\_\_/\_\_\_  
Mining: From \_\_\_/\_\_\_/\_\_\_ to \_\_\_/\_\_\_/\_\_\_  
Power: From \_\_\_/\_\_\_/\_\_\_ to \_\_\_/\_\_\_/\_\_\_  
Other: From 7/31/92 to 11/30/92

## 21. PURPOSE AND EXTENT OF USE

Irrigation: \_\_\_\_\_ acres. Sole supply of \_\_\_\_\_ acres.  
Stockwatering (number and kind): \_\_\_\_\_  
Domestic: \_\_\_\_\_ Families and/or \_\_\_\_\_ Persons.  
Municipal (name): \_\_\_\_\_  
Mining: \_\_\_\_\_ Mining District at the \_\_\_\_\_ Mine.  
Ores mined: \_\_\_\_\_  
Power: Plant name: \_\_\_\_\_ Type: \_\_\_\_\_ Capacity: \_\_\_\_\_  
Other (describe): Exploration drilling, road construction, dust suppression

## 22. PLACE OF USE

Legal description of place of use by 40 acre tract(s): See Attached Sheet

## 23. STORAGE

Reservoir Name: \_\_\_\_\_ Storage Period: from \_\_\_\_\_ to \_\_\_\_\_  
Capacity: \_\_\_\_\_ ac-ft. Inundated Area: \_\_\_\_\_ acres.  
Height of dam: \_\_\_\_\_ feet.  
Legal description of inundated area by 40 tract(s): \_\_\_\_\_

## 24. EXPLANATORY

The following is set forth to define more clearly the full purpose of this application. Include any supplemental water rights used for the same purpose. (Use additional pages of same size if necessary):  
This Temporary Change Application is being filed to replace t91-91-09 & t92-91-10 to correct the points of diversion and place of use. To date approximately 0.77 AF has been utilized under t91-91-09.

\*\*\*\*\*  
The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

Dee Price  
Signature of Applicant(s)

PG&E Resources Company  
Well No. 1210-1304 #1  
SENE Sec. 13, T. 12 S., R. 10 E.  
Carbon County, Utah  
Lease U-65949

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that PG&E Resources Company is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by WY2554 (Principal - PG&E Resources Company) via surety consent as provided for in 43 CFR 3104.2.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Cockrell Oil Corporation

3. Address and Telephone No.

1600 Smith, Suite 4600 Houston, TX 77002

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1174' FNL & 1168' FWL (SE NW NW) Sec 13, T12S, R10E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

UTU-65949

6. If Indian, Allotment or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

1210-1304 #1

9. API Well No.

43-0007-30126

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Carbon County, Utah

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other APD Extension  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Requirements of notification on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Request for APD Extension. Drilling program delayed pending environmental studies.

RECEIVED

NOV 09 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed William C. Hunsger

Title Mgr. Special Projects

Date 6/22/92

(This space for Federal or State office use)

Approved by William C. Hunsger  
Conditions of approval, if any:

Title Assistant District Manager  
for Minerals

Date 7/1/92

CONDITIONS OF APPROVAL

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

WEST HAZMAT CORP. TEL: 1-801-789-9277 Aug 04, 92 11:11 NO.002 P.00  
West Hazmat Oil Field Services Inc.  
Temporary Change Application  
#t92-91-12 (91 Area)  
July 31, 1992

#17 Points of Diversion:

Willow Creek:  
N. 320 ft. & W. 290 ft. from SE Cor. Sec. 3, T12S, R20E, SLB&M.

Shimmin Trust Wells:

Shimmin Trust #1: N. 793 ft. & W. 780 ft. from SE Cor. Sec. 11;  
Shimmin Trust #2: S. 1980 ft. & W. 800 ft. from NE Cor. Sec. 14;  
Shimmin Trust #3: S. 1980 ft. & E. 1780 ft. from NW Cor. Sec. 14;  
Shimmin Trust #4: N. 540 ft. & E. 1900 ft. from SW Cor. Sec. 11;  
Shimmin Trust #5: S. 660 ft. & W. 2340 ft. from NE Cor. Sec. 14;  
all T12S, R10E, SLB&M.

#22 Place of Use:

1210-0806: S. 2400 ft. & E. 1769 ft. from NW Cor. Sec. 8 (SE4NW4)  
#7-9 Federal: S. 2109 ft. & W. 2038 ft. from NE Cor. Sec. 9 (SW4NE4)  
#4-15 Federal: S. 660 ft. & E. 450 ft. from NW Cor. Sec. 15 (NW4NW4)  
#4-13 Federal: S. 1174 ft. & E. 1168 ft. from NW Cor. Sec. 13 (NW4NW4) 13-007-30106  
#9-10 Jensen: N. 2500 ft. & W. 1020 ft. from SE Cor. Sec. 10 (NE4SE4)  
#2-16 State: S. 780 ft. & W. 1971 ft. from NE Cor. Sec. 16 (NW4NE4)  
#9-16 State: N. 1993 ft. & W. 702 ft. from SE Cor. Sec. 16 (NE4SE4)  
#11-10 Jensen: N. 1650 ft. & E. 1650 ft. from SW Cor. Sec. 10 (NE4SW4)  
#5-10 Jensen: S. 1680 ft. & E. 660 ft. from NW Cor. Sec. 10 (SW4NW4)  
#16-10 Jensen: N. 330 ft. & W. 330 ft. from SE Cor. Sec. 10 (SE4SE4)  
#7-15 Jensen: S. 1650 ft. & W. 1650 ft. from NE Cor. Sec. 15 (SW4NE4)  
#11-11 Shimmin Trust: N. 2350 ft. & E. 1500 ft. from SW Cor. Sec. 11 (NE4SW4)  
#10-11 Shimmin Trust: N. 2300 ft. & W. 1850 ft. from SE Cor. Sec. 11 (NW4SE4)  
#12-12 Shimmin Trust: N. 2310 ft. & E. 990 ft. from SW Cor. Sec. 12 (NW4SW4)  
#14-12 Shimmin Trust: N. 660 ft. & E. 1980 ft. from SW Cor. Sec. 12 (SE4SW4)  
#11-15 Jensen: N. 1850 ft. & E. 1650 ft. from SW Cor. Sec. 15 (NE4SW4)  
#16-9 Jensen: N. 1150 ft. & W. 1150 ft. from SE Cor. Sec. 9 (SE4SE4)  
#16-15 Federal: N. 990 ft. & W. 990 ft. from SE Cor. Sec. 15 (SE4SE4)  
#14-14 Federal: N. 990 ft. & E. 1650 ft. from SW Cor. Sec. 14 (SE4SW4)  
#14-16 Federal: N. 990 ft. & W. 990 ft. from SE Cor. Sec. 14 (SE4SE4)  
#14-13 Federal: N. 990 ft. & E. 1650 ft. from SW Cor. Sec. 13 (SE4SW4)  
All T12S, R10E, SLB&M.

Alternate Wells:

#12-9 Jensen: N. 2054 ft. & E. 592 ft. from SW Cor. Sec. 9 (NW4SW4)  
#14-9 Jensen: N. 675 ft. & E. 2170 ft. from SW Cor. Sec. 9 (SE4SW4)  
#4-16 State: S. 922 ft. & E. 750 ft. from NW Cor. Sec. 16 (NW4NW4)  
#11-16 State: N. 1980 ft. & E. 1980 ft. from SW Cor. Sec. 16 (NE4SW4)  
All T12S, R10E, SLB&M.

September 4, 1992



State of Utah  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

RECEIVED

SEP 08 1992

DIVISION OF  
OIL GAS & MINING

Re: State #2-16  
Federal #4-13  
Federal #4-15  
Jensen #5-10  
Jensen #7-15  
Jensen #11-10  
Jensen #9-10  
State #9-16  
Jensen #16-10

Gentlemen:

Enclosed please find Form 6 Entity Action Form for the above referenced wells.

If you should require additional information, please contact me at (214) 750-3988.

Yours very truly,

Jim LaFevers  
Regulatory Affairs Supervisor

OIL AND GAS	
/ RJF	✓
ERM	
...	
...	
...	
...	
...	
...	
...	
MICROFILM	
3 - FILE	

OPERATOR PG&E Resources Company  
ADDRESS 6688 N. Central Expressway, Ste 1000  
Dallas, TX 75206-3922

OPERATOR ACCT. NO. N 0595

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11400	43-007-30126	Federal #4-13	SE NW	13	12S	10E	Carbon	7/30/92	7/30/92
WELL 1 COMMENTS: Entity added 9-10-92. <i>LR</i> This well was spud 7/30/92.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)  
A - Establish new entity for new well (single well only)  
B - Add new well to existing entity (group or unit well)  
C - Re-assign well from one existing entity to another existing entity  
D - Re-assign well from one existing entity to a new entity  
E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.  
(3/89)

RECEIVED

SEP 08 1992  
DIVISION OF  
OIL GAS & MINING

*Jim L. Lewis*  
signature  
Regulatory Affairs Supv 9/4/92  
Title Date  
Phone No. (214) 750-3988

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

6688 N. Central Expressway, Ste 1000, Dallas, TX 75206-3922

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1174' FNL, 1168' FWL  
SE $\frac{1}{4}$  NW $\frac{1}{4}$ , Sec. 13, T12S-R10E

5. Lease Designation and Serial No.

UTU-65949

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Federal #4-13

9. API Well No.

43-007-30126

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Carbon, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Spud/Set Surf. Csg.  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

PG&E Resources spud the above referenced well 7/31/92. Ran 8-5/8", 24#, J-55 casing to 520'. Cement with 360 sx Class "G" + 2% CaCl<sub>2</sub> + 1/2# cello seal on 8/1/92.

RECEIVED

SEP 17 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Cora Hurst

Production Administrator

Title Regulatory Affairs

Date 9/15/92

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Conditions of approval, if any: \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_



September 15, 1992



Bureau of Land Management  
Moab District Office  
P. O. Box 970  
82 E. Dogwood  
Moab, UT 84532

Re: Federal #4-13  
Carbon County, Utah

Gentlemen:

Enclosed is Form 3160-5 (in triplicate) to spud and set casing on the above referenced well.

If you should require additional information, please contact me at (214) 750-3958.

Yours very truly,

Ava Hurst  
Production Administrator  
Regulatory Affairs

/ah

Enclosure

cc: State of Utah

RECEIVED

SEP 17 1992

DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

PG&E Resource Company

3. Address and Telephone No.

5950 Berkshire Lane, Suite 600, Dallas, TX 75225

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1174' FNL, 1168' FWL, SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 13, T12S, R10E

5. Lease Designation and Serial No.  
UTU-65949

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA, Agreement Designation  
N/A

8. Well Name and No.  
1210-1304 #1

9. API Well No.  
43-007-30126

10. Field and Pool, or Exploratory Area  
Wildcat

11. County or Parish, State  
Carbon, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please be advised PG&E Resources Company has acquired the above named well from Cockrell Oil Corporation, 1600 Smith Street, Suite 4600, Houston, TX 77002-7348, as of July 1, 1992.

Bond coverage for this well will be provided by Bond No. U-187011.

RECEIVED

NOV 09 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Jim LaFever

Title Regulatory Affairs Supervisor

Date 7/6/92

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
PG&E Resources Company

3. Address and Telephone No.

6688 N. Central Expressway, Ste 1000, Dallas, TX 75206-3922

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1174' FNL, 1168' FWL

SE $\frac{1}{4}$  NW $\frac{1}{4}$ , Sec. 13, T12S-R10E

5. Lease Designation and Serial No.  
UTU-65949

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Federal #4-13

9. API Well No.

43-007-30126

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Carbon, Utah

12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Spud/Set Surf. Csg.

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

PG&E Resources spud the above referenced well 7/31/92. Ran 8-5/8", 24#, J-55 casing to 520'. Cement with 360 sx Class "G" + 2% CaCl<sub>2</sub> + 1/2# cello seal on 8/1/92.

RECEIVED

NOV 09 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Cora Hurst

Title Production Administrator  
Regulatory Affairs

Date 9/15/92

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

6688 N. Central Expressway, Ste 1000, Dallas, TX 75206-3922

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1174' FNL, 1168' FWL  
SE $\frac{1}{4}$  NW $\frac{1}{4}$ , Sec. 13, T12S-R10E

5. Lease Designation and Serial No.  
UTU-65949

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Federal #4-13

9. API Well No.

43-007-30126

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Carbon, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Spud/Set Surf. Csg.  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

PG&E Resources spud the above referenced well 7/31/92. Ran 8-5/8", 24#, J-55 casing to 520'. Cement with 360 sx Class "G" + 2% CaCl<sub>2</sub> + 1/2# cello seal on 8/1/92.

RECEIVED

NOV 09 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

*Cora Hurst*

Title

Production Administrator  
Regulatory Affairs

Date

9/15/92

(This space for Federal or State office use)

Approved by

ACCEPTED

Conditions of approval, if any:

Title

Branch of Fluid Minerals  
Moab District

Date

SEP 21 1992

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

OK

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
PG&E Resources Company

3. Address and Telephone No.  
5950 Berkshire, Suite 600, Dallas, TX 75225

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1174' FNL, 1168' FWL  
SE, NW, Sec. 13, T12S, R10E

5. Lease Designation and Serial No.

UTU-65949

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Federal #4-13

9. API Well No.

43-007-30126

10. Field and Pool, or Exploratory Area

Wildcat

11. Country or Parish, State

Carbon

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change well name  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This report is to reflect a change in well name. This well was formerly addressed as:  
Federal 1210-1304 #1

Please change your records accordingly.

If you should have any questions, please direct them to Jim LaFevers (214) 750-3988.

**RECEIVED**

NOV 09 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Jim LaFevers Jim LaFevers Title Regulatory Affairs Supervisor Date 7/16/92

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

m 3160-5  
ne 1590)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

Name of Operator  
PG&E Resources Company

Address and Telephone No.  
6688 N. Central Expressway, Suite 1000, Dallas, TX 75206-3922

Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1174' FNL, 1168' FWL  
SE NW, Sec. 13, T12S-R10E

5. Lease Designation and Serial No.

UTU-65949

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Federal #4-13

9. API Well No.

43-007-30126

10. Field and Pool, or Exploratory Area  
Wildcat

11. County or Parish, State

Carbon, Utah

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Well History

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion or Well Completion or Recompletion Report and Log form.)

3. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Attached is the well history for the above referenced well.

RECEIVED

NOV 09 1992

DIVISION OF  
OIL GAS & MINING

RECEIVED  
MOAB DISTRICT OFFICE  
92 OCT 13 AM 8:54  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

14. I hereby certify that the foregoing is true and correct

Signed Riva Lust

Title Regulatory Affairs

Date 10/7/92

(This space for Federal or State office use)

Approved by ACCEPTED

Title Branch of Fluid Minerals

Date OCT 19 1992

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other CBM

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

6688 N. Central Expressway, Dallas, Texas 75206-3922

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1174' FNL & 1168' FWL  
SE NW, Sec. 13, T12S-R10E

5. Lease Designation and Serial No.

UTU-65949

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Federal #4-13

9. API Well No.

43-007-30126

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Carbon, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Temporary Abandon  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

PG&E Resources Company has temporarily abandoned this well as of 8/12/92.

PG&E Resources Company intends to re-enter and complete the well in early 1993, at which time a Sundry Notice will be filed reflecting the proposed work for Bureau of Land Management approval.

**RECEIVED**

NOV 09 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Ava Hurst Ava Hurst

Title Regulatory Affairs

Date 10/27/92

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

## WELL HISTORY

### #4-13 FEDERAL Castlegate Area Carbon County, Utah

07-16-92 Start building loc. Notified BLM, UT Dept of O&G & Mathis Land Co on 7-15 for commencement of activity.

07-17-92 Building loc. CC \$13,000.

07-18-92 Bldg road.

07-19-92 Bldg road & loc.

07-20-92 Bldg road & loc.

07-21-92 Bldg location.

07-22-92 Bldg location.

07-23-92 Leveling location, drld rat & mouse hole. Drlg conductor hole.

07-24-92 Building location. Hit rock in reserve pit. Will drill & shoot today.

07-25-92 Drlg & shot reserve pit.

07-26-92 Cleaning out reserve pit.

07-27-92 Cleaning out reserve pit. Will begin MI Adcor Rig #36 today.

07-28-92 Fin leveling loc. Instld cattlegaurds. Adcor rig #36 to RU today. CC \$18,000.

07-29-92 RU Adcor rig #36. Raised derrick. CC \$18,905.

07-30-92 Fin RU Adcor #36. Prep to spud well. CC \$23,095.

07-31-92 Drlg 190', day 1, 150'/12.5 hrs, MW 8.3, Visc 26, WL N/C. RU & spud @ 1630 hrs 7-30-92. Drl to 190'. CC \$82,893.



## WELL HISTORY

### #4-13 FEDERAL Castlegate Area Carbon County, Utah

08-01-92 TD 530', day 2, 340'/16 hrs. Drlg to 530', ran 8-5/8" 24# J-55 csg to 520', cmted w/ 360 sx Class G + 2% CaCl<sub>2</sub> + 1/4# Cello Seal. Circ cmt to surf.

08-02-92 TD 530', day 3. WOC, NU & tstg BOP's, WO parts f/ blind rams.

08-03-92 Drlg 634', day 4, 104'/3 hrs, MW 8.3, Visc 26, WL N/C. Repair blind rams, tst BOP's to 2000#, tst csg to 1500#, drl to 634'. Trip f/ BHA, srvy .75° @ 634'. CC \$115,241.

08-04-92 Drlg 1307, day 5, 673'/22 hrs, MW 8.3, Visc 26, WL N/C. Srvy 1° @ 875', .25° @ 1046'. CC \$120,261.

08-05-92 Drlg 2082', day 5, 775'/20.5 hrs, MW 8.3, Visc 26, WL N/C. Srvy .25° @ 1292', 1.5° @ 1786'. CC \$125,553.

08-06-92 Drlg 2828', day 7, 746'/19.5 hrs, MW 8.3, Visc 26, WL N/C. Trip f/ bit @ 2328', srvy 1° @ 2290'. CC \$135,796.

08-07-92 Drlg 3180', day 8, 352'/15.5 hrs, MW 8.3, Visc 27. Srvy 2.25° @ 2814', 3.25° @ 3070'. CC \$151,524.

08-08-92 Drlg 3435', day 9, MW 8.8, Visc 35, WL 13. Elev: GL-7439.4'; KB-7459.6.

08-09-92 Drlg 3695', day 10, MW 8.9, Visc 34, WL 14. Trip for bit, srvy 4° @ 3470'.

08-10-92 Drlg 4042', day 11, MW 9.0, Visc 36, WL 16. CC \$182,543.

08-11-92 Drlg 4287', day 12, 245'/15 hrs, MW 9.1, Vis 36, WL 18. Trip for bit, Surv @ 4100' - 4°. CC \$194,173.

08-12-92 Depth 4416', day 13, 129'/9 hrs, MW 9.0, Visc 37, WL 15. Lost 100 Bbl @ 4363'. LD DP & run 5-1/2", 17#, N-80, LT&C csg. Circ & prep to cmt. Srvy 5° @ 4400'. CC \$200,057.

## WELL HISTORY

**#4-13 FEDERAL**  
Castlegate Area  
Carbon County, Utah

08-13-92      PBTD 4341', day 14. Cmt 2nd stage w/ 275 sx Class G + 4% Thrifty-Lite  
+ add followed w/ 50 sx Class G. Lost rtns w/ 57 Bbl remaining. Set slips.  
RR 3:00pm 8-12-92. CC \$262,630. DROP UNTIL COMPLETION.

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS AND MINING**

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
 Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		6. Lease Designation and Serial Number See Attached Schedule "A"
2. Name of Operator PG&E Resources Company		7. Indian Allottee or Tribe Name NA
3. Address of Operator 6688 N. Central Expwy., Dallas, TX 75206		8. Unit or Communitization Agreement NA
4. Telephone Number 214/750-3800		9. Well Name and Number See Attached Schedule "A"
5. Location of Well Footage : See Attached Schedule "A" <i>Federal 4-13</i> CO, Sec. T., R., M. : <i>43-007-30126</i>		10. API Well Number See Attached Schedule "A"
11. Field and Pool, or Wildcat Wildcat		12. Sec <i>13</i> , T <i>12S</i> , R <i>10E</i> County : Carbon State : UTAH

### CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT (Submit in Duplicate)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandonment                            | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                          | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                        | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection                | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat                         | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion                    | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Complete Wells</u> |   |

Approximate Date Work Will Start 05/01/93

#### SUBSEQUENT REPORT (Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment *           | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

PG&E Resources Company requests approval for the attached Completion Procedure for the wells listed on Schedule "A". Daily reports will be furnished when completion operations commence.

RECEIVED BY THE STATE  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL, GAS AND MINING  
 4-22-93  
*J. Matthews*

**RECEIVED**

APR 21 1993

DIVISION OF  
 OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

(State Use Only)

*Cindy Keister*

Cindy Keister

Title Regulatory Analyst Date 04/20/93

## CASTLEGATE

## SCHEDULE "A"

WELL NAME	LEASE SERIAL NO.	API NUMBER	Location	Qtr Sec.	Sec	Twnshp	Range	County
State 2-16	UTU-65949	43-007-30133	780' FNL & 1971' FEL	NE NE	16	12S	10E	Carbon
Federal 4-13	UTU-65949	43-007-30126	1174' FNL & 1168' FWL	NW NW	13	12S	10E	Carbon
Federal 4-14	UTU-65949	43-007-30138	660' FNL & 450' FWL	NW NW	15	12S	10E	Carbon
Jensen 5-10	433396	43-007-30162	2065' FNL & 570' FWL	SW NW	10	12S	10E	Carbon
Jensen 7-15	FEE	43-007-30165	1650' FNL & 1650' FEL	SW NE	15	12S	10E	Carbon
Jensen 9-10	433396	43-007-30159	2559' FSL & 909' FEL	NE SE	10	12S	10E	Carbon
State 9-16	UTU-65949	43-007-30132	1993' FSL & 702' FEL	NE SE	16	12S	10E	Carbon
Shimmin Trust 10-11	FEE	43-007-30167	1999' FSL & 2006' FEL	NW SE	11	12S	10E	Carbon
Jensen 11-10	433396	43-007-30164	1735' FWL & 1461' FSL	NE SW	10	12S	10E	Carbon
Shimmin Trust 11-11	FEE	43-007-30166	2313' FSL & 1501' FWL	NE SW	11	12S	10E	Carbon
Jensen 11-15	FEE	43-007-30175	1896' FSL & 1709' FWL	NE SW	15	12S	10E	Carbon
Shimmin Trust 12-12	FEE	43-007-30168	2340' FSL & 1033' FWL	NW SW	12	12S	10E	Carbon
Shimmin Trust 14-12	FEE	43-007-30169	721' FSL & 2047' FWL	SE SW	12	12S	10E	Carbon
Federal 14-13	UTU-65949	43-007-30177	914' FSL & 1677' FWL	SE SW	13	12S	10E	Carbon
Federal 14-14	UTU-65949	43-007-30173	990' FSL & 1649' FWL	SE SW	14	12S	10E	Carbon
Jensen 16-9	FEE	43-007-30163	1198' FSL & 1059' FEL	SE SE	9	12S	10E	Carbon
Jensen 16-10	FEE	43-007-30161	330' FSL & 330' FEL	SE SE	10	12S	10E	Carbon
Federal 16-14	UTU-65949	43-007-30174	1124' FSL & 964' FEL	SE SE	14	12S	10E	Carbon
Federal 16-15	UTU-65949	43-007-30176	1091' FSL & 1043' FEL	SE SE	15	12S	10E	Carbon

APRIL 20, 1993

**CASTLEGATE PROJECT**  
**TYPICAL PRODUCING WELL COMPLETION PROCEDURE**  
**(5-1/2", 17#, N-80 CSG)**

1. MIRU WELL SERVICE UNIT.
2. GIH W/RB ON 2-7/8" TBG & D.O. DV TOOL.
3. CIRC HOLE CLEAN - TEST CSG TO 5000 PSI.
4. RUN CBL (IF REQUIRED).
5. PERFORATE LOWER STAR POINT COAL SECTION (TYPICALLY AROUND 4750' FOR ABOUT 60' OF GROSS INTERVAL, APPROX 20-30 HOLES).
6. TREAT LOWER COAL SEAM PERFS DOWN CSG W/1500 GALS 15% FE ACID W/ BALL SEALERS (TO OPEN ALL PERFS).
7. TREAT LOWER COAL SEAM PERFS DOWN CSG W/APPROX 60,000 GALS OF CMHEC CLEAN GEL SYSTEM W/90,000# 20/40 SD & 35,000# OF 100 MESH SD. EXPECT TO TREAT @ 60 BPM X 6000 PSI.
8. FORCE CLOSE FRAC.
9. FLOWBACK LOAD WATER.
10. SET RBP ON WL OVER LOWER COAL SEAM INTERVAL.
11. PERFORATE & TREAT UPPER COAL SEAM INTERVAL (TYPICALLY 4450' +/- SPREAD OVER 200'-300', 35 TOTAL HOLES).
12. DO BD ACID JOB AND FRAC AS BEFORE ON THE LOWER INTERVAL.
13. FORCE CLOSE FRACTURE.
14. FLOWBACK FRAC LOAD UP THE CSG.
15. RETRIEVE RBP W/TBG.
16. RUN MOYNO PRODUCTION PUMPING EQUIPMENT ON 2-7/8" N-80 TBG.
17. COMMENCE DE-WATERING OPERATIONS.

PG&E Resources Company  
6688 N. Central Expressway, Suite 1000  
Dallas, Texas 75208-3922  
(214) 750-3800

### FAX COVER SHEET

#### PG&E Resources Fax Numbers

___	Acquisition/Development (4th Flr)	(214) 750-3954
___	Business Development/Legal (10th Flr)	(214) 750-3166
___	Data Processing (2nd Flr)	(214) 750-3159
X	Drilling (5th Flr)	(214) 750-3845
___	Executive (10th Flr.)	(214) 750-3803
___	Exploration-Offshore (5th Flr)	(214) 750-3163
___	Exploration-Onshore (6th Flr)	(214) 750-3993
___	Financial Acctg/Tax Dept (10th Flr)	(214) 750-3188
___	General Accounting (3rd Flr)	(214) 750-3998
___	Human Resources (10th Flr.)	(214) 750-3165
___	Land/Land Admin (4th Flr)	(214) 750-3977
___	Main Fax (2nd Flr)	(214) 750-3883
___	Marketing (10th Flr)	(214) 750-3994
___	Operations-Offshore/Materials (5th Flr)	(214) 750-3189
___	Operations-Onshore (6th Flr)	(214) 750-3164
___	Production/Revenue Acctg (3rd Flr)	(214) 750-3162

*This transmittal was sent from the Fax # checked above*

TO: Delia Echell @ \_\_\_\_\_ @ FAX # \_\_\_\_\_  
 TO: \_\_\_\_\_ @ \_\_\_\_\_ @ FAX # \_\_\_\_\_  
 TO: \_\_\_\_\_ @ \_\_\_\_\_ @ FAX # \_\_\_\_\_

FROM: Ava Hurst Date: 11/24/92

The information contained in or attached to this facsimile transmission is intended only for the confidential use of the individual(s) named above. If you are not the named recipient or an agent responsible for delivering it to the named recipient, you are hereby notified that you have received this document in error and that review, dissemination or copying of this communication is prohibited. If you have received this transmission in error, please notify us immediately by telephone and return the original documents to us by mail.

TOTAL NO. OF PAGES: 1 (does not include cover page)

#### MESSAGE

IF YOU DO NOT RECEIVE ALL OF THIS TRANSMITTAL, PLEASE NOTIFY  
 @ (214) 750- \_\_\_\_\_

## CASTLEGATE

WELL NAME	LEASE SERIAL NO.	API NUMBER	ENTITY FORM 6 EFF.DT	FORM 7 WATER	SUNDRY		NOTICE		SITE SECURITY	FORM 3160-4 COMP	NTL-2B
					SPUD/SET SURF. CASING	WELL HISTORY BLM/DOGM	T&A P&A	OTHER (FILED)			
#7-9 FEDERAL	UTU-65948	43-007-30137	7/16/92	7/20/92	FLD 9/15/92	9/29/92		COMP 9/15/92		10/27/92	
#4-15 FEDERAL	UTU-65949	43-007-30138	8/3/92	NO	FLD 9/15/92	10/7/92	T&A 10/27/92				
#4-13 FEDERAL	UTU-65949	43-007-30126	7/30/92	NO	FLD 9/16/92	10/7/92	T&A 10/27/92				
#9-10 JENSEN	433398	43-007-30159	8/10/92	NO	FLD 9/16/92	10/7/92		INJTST 10/27/92		10/27/92	
#2-16 STATE	UTU-65949	43-007-30133	8/23/92	NO	FLD 9/16/92	10/7/92	T&A 10/27/92				
#9-16 STATE	UTU-65949	43-007-30132	8/17/92	NO	FLD 9/16/92	10/7/92	T&A 10/27/92				
#11-10 JENSEN	433398	43-007-30164	8/27/92	NO	FLD 9/16/92	10/7/92	T&A 10/27/92				
#5-10 JENSEN	433398	43-007-30162	8/29/92	NO	FLD 9/16/92	10/7/92	T&A 10/27/92				
#16-10 JENSEN	FEE	43-007-30161	8/23/92	NO	FLD 9/16/92	10/7/92	T&A 10/27/92				
#7-15 JENSEN	FEE	43-007-30165	9/2/92	NO	FLD 9/16/92	10/7/92	T&A 10/27/92				
#11-11 SHIMMIN TR	FEE	43-007-30168	9/6/92	NO	FLD 9/16/92	10/7/92	T&A 10/27/92				
#10-11 SHIMMIN TR	FEE	43-007-30167	9/24/92	NO	FLD 10/6/92	10/7/92	T&A 10/27/92				
#12-12 SHIMMIN TR	FEE	43-007-30168	9/16/92	NO	FLD 9/28/92	10/7/92	T&A 10/27/92				
#14-12 SHIMMIN TR	FEE	43-007-30169	10/21/92	10/1/92	FLD 10/6/92	10/7/92	T&A 10/27/92				
#11-15 JENSEN	FEE	43-007-30175	10/6/92	NO	FLD 10/16/92	10/16/92,10/22/92	T&A 10/27/92				
#16-08 JENSEN	FEE	43-007-30163	9/8/92	NO	FLD 9/28/92	10/7/92	T&A 10/27/92				
#16-15 FEDERAL	UTU-65949	43-007-30176	10/27/92	NO	FLD 10/27/92	10/29, 11/4, 11/11/92	T&A 11/10/92				
#14-14 FEDERAL	UTU-65949	43-007-30173	10/22/92	NO	FLD 10/22/92	10/22,10/27/92	T&A 10/27/92				
#16-14 FEDERAL	UTU-65949	43-007-30174	10/22/92	NO	FLD 10/22/92	10/22,10/27/92	T&A 10/27/92				
#14-13 FEDERAL	UTU-65949	43-007-30177	10/22/92	NO	FLD 10/22/92	10/22,10/29,11/4,11/11/92	T&A 11/10/92				
#12-9 JENSEN	FEE	43-007-30171	NOT TO	BE	DRILLED						
#14-8 JENSEN	FEE	43-007-30170	NOT TO	BE	DRILLED						
#4-16 FEDERAL		43-007-30172	NOT TO	BE	DRILLED						
#11-16 STATE	FEE	43-007-30160	NOT TO	BE	DRILLED						

MOAB DIST. OFFICE  
NOVEMBER 10, 1992

BLM

PLEASE HOLD ALL WELL IN CONFIDENTIAL STATUS.



Norman H. Bangertor

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

# State of Utah

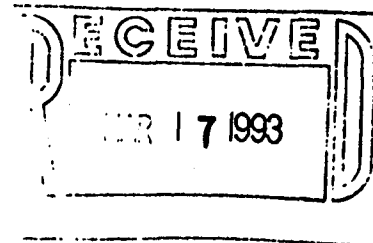
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340



March 12, 1993

PG&E Resources Company  
6688 North Central Expressway  
Dallas Texas 75206

Gentlemen:

Re: Conversion of the Jensen 16-10, Jensen 9-10, Shimmin Trust 11-11, and Shimmin Trust 10-11 wells located in Sections 10 and 11, Township 12 South, Range 10 East, Carbon County, Utah, to Water Disposal Wells

In accordance with Utah Admin. R. 649-5-3-3, administrative approval for conversion of the referenced wells to Class II injection wells is granted.

The following actions are necessary to fully comply with this approval:

1. Compliance with the UIC requirements for operation, maintenance and reporting for Class II injection wells.
2. Conformance with all conditions of the submitted applications.

If you have any questions regarding this approval or the necessary requirements, please contact this office.

Sincerely,

R.J. Firth

Associate Director, Oil and Gas

cc: BLM, Price  
R.J. Firth  
WUI229





April 20, 1993

RECEIVED

APR 21 1993

DIVISION OF  
OIL GAS & MINING

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Attention: Mr. Frank Mathews

RE: Castlegate CBM Project  
Carbon County, Utah

Gentlemen:

Attached is an original and one (1) copy of Form 9 "Sundry Notices and Reports on Wells," completion procedure and a schedule of the wells for the referenced project that are to be dual completions.

If you have any questions or need further information, please contact the undersigned at 214/706-3640.

Very truly yours,

Cindy Keister  
Regulatory Analyst

CRK/ck

Attachments

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

UTU-65949

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. UNIT AGREEMENT NAME  
NA

8. FARM OR LEASE NAME  
Federal

9. WELL NO.  
4-13

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 13-T12S-R10E

12. COUNTY OR PARISH  
Carbon

13. STATE  
Utah

1a. TYPE OF WELL: OIL ☐ GAS ☒ DRY ☐ Other \_\_\_\_\_  
WELL WELL RESVR  
b. TYPE OF COMPLETION: NEW ☒ WORK ☐ DEEP- ☐ PLUG ☐ DIFF. ☐ Other \_\_\_\_\_  
WELL OVER EN BACK RESVR

2. NAME OF OPERATOR  
PG&E Resources Company

3. ADDRESS OF OPERATOR  
6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. LOCATION OF (Report location clearly and in accordance with any State requirements)\*  
At surface 1174' FNL & 1168' FWL  
At top prod. interval reported below Same  
At total depth Same

14. PERMIT NO. 43-007-30126  
DATE ISSUED 7/2/91

15. DATE SPUDDED 7/31/92  
16. DATE T.D. REACHED 08/12/92  
17. DATE COMPL. (Ready to prod.) 08/12/93  
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 7459.6' RKB  
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4415'  
21. PLUG, BACK T.D., MD & TVD 4402'  
22. IF MULTIPLE COMPL., HOW MANY\*  
23. INTERVALS DRILLED BY  
ROTARY TOOLS X  
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*  
3770' - 4308' Black Hawk Coal Seam MVRD  
25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Dual Spaced Neutron w/GR/CBL/CL 7-15-93  
27. WAS WELL CORED  
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	520'	12-1/4"	375sx Class "G"	0
5-1/2"	17#	4415'	7-7/8"	300sx 50-50 poz	0
	DV Tool	3291'		275sx Class "G"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	3742'	NA

31. PERFORATION RECORD (Interval, size and number)

4232' - 4308' 0.45" 21 Holes  
3770' - 4140' 0.45" 37 Holes

32. ACID, SHOT, FRACTURE, CEMENT

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attached	

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)	
8/13/93		Pumping - Moyno Model 200				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO	
08/17/93	24	NA	TEST PERIOD	11	948	NA	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
NA	---						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Well producing minimal gas, currently dewatering.

TEST WITNESSED BY  
Mike McMican

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Cindy Leister TITLE Sr. Regulatory Analyst DATE 08/18/1993

\*(See Instructions and Spaces For Additional Data on Reverse Side)

37. SUMMARY OF FORBOS HORES: (show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Blackhawk	3404'	4142'	Natural gas.	Price River Sandstone		2846'
				Castlegate Sandstone		3134'
				Blackhawk Formation		3404'
				Kenilworth Sandstone		4143'
				Aberdeen Sandstone		4349'

Item No. 32.

Depth Interval (MD)	Amount and Kind of Material Used
4232' - 4308'	58,000 gals Alium XL CMHEC Gel + 36000# 100 mesh + 59000# 16/30 Ottawa + 42000# 16/30 resin coated sand.
3770' - 4140'	2000 gals 7.5% FE Acid + 62,000 gals. Dual XL CMHEC Gel + 36,940# 100 mesh + 73000# 16/30 Ottawa + 20000# 16/30 resin coated sand.

RECEIVED

AUG 23 1993

DIVISION OF  
OIL, GAS & MINING

August 19, 1993

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

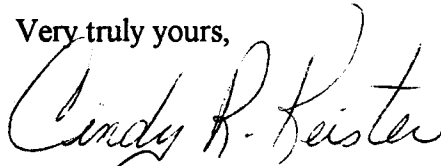
RE: Federal 4-13  
Section 13-T12S-R10E  
Carbon County, Utah

Gentlemen:

Attached is an original and one (1) copy of Form 3160-4 "Well Completion or Recompletion Report and Log" for the referenced well.

If you have any questions or need further information, please contact the undersigned at 214/706-3640.

Very truly yours,



Cindy R. Keister  
Sr. Regulatory Analyst

CRK/ck

Attachments

cc: Utah Department of Natural Resources  
Regulatory File  
Central Files

RECEIVED

DEC 27 1993

DIVISION OF  
OIL, GAS & MINING

December 21, 1993



Bureau of Land Management  
Moab District Office  
P. O. Box 970.  
82 E. Dogwood  
Moab, UT 84532

RE: Federal 4-13, 4-15, 7-9,  
14-13, 14-14, 16-14 & 16-15  
Castlegate CBM Project  
Sundries For NTL-2B  
Carbon County, Utah

Gentlemen:

Attached is an original and two (2) copies of Form 3160-5 "Sundry Notices and Reports on Wells," for the referenced wells.

If you have any questions or need further information, please contact the undersigned at 214/706-3640.

Very truly yours,

Cindy R. Keister  
Sr. Regulatory Analyst

CRK/ck

Attachments

cc: Utah Division of Oil, Gas & Mining  
Central File  
Regulatory File

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

RECEIVED  
DEC 27 1993

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206 214/750-3800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1174' FNL & 1168' FWL  
SE/4 NW/4 Sec. 13-T12S-R10E

5. Lease Designation and Serial No.

UTU-65949

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 4-13

9. API Well No.

43-007-30126

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Carbon County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other NTL-2B  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

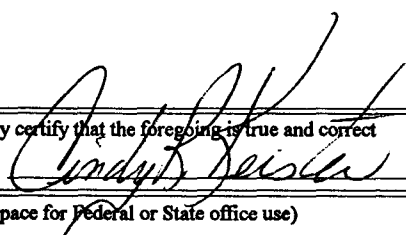
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

PG&E Resources Company requests approval to dispose of produced water from the referenced well into off-lease injection well(s) located in Section 10 and 11 of T12S-R10E, Carbon County, Utah. The produced water will flow via a gathering line to a central processing facility (CPF) where it will be consolidated with other produced water from the field prior to entering the injection header for disposal into one of the four injection wells. A copy of the State of Utah, UIC Permit is included for your review.

14. I hereby certify that the foregoing is true and correct

Signed



Title Sr. Regulatory Analyst

Date 12/20/1993

(This space for Federal or State office use)

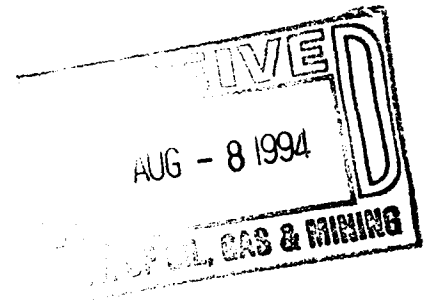
Approved by

Title

Date

Conditions of approval, if any:

August 2, 1994



STATE OF UTAH  
Division of Oil Gas & Mining  
355 W. North Temple  
3 Triad Center - Suite 350  
Salt Lake City, UT 84180

ATTENTION: Lisha Cordova

RE: Change of Operator  
Castlegate Wells  
Carbon County, Utah

Dear Lisha:

Enclosed please find the following documents in connection with the above captioned transfer of operations to Anadarko Petroleum Corporation effective as of August 1, 1994.

- 1) Copies of 8 BLM Sundry Notices (Form 3160-5)
- 2) Originals of 21 Utah Sundry Notices (Form 9)
- 3) Originals of 4 Transfers of Authority to Inject (UIC Form 5)

If additional information is needed in this regard, please contact the undersigned or Mr. L. Steve Hamilton with Anadarko at (405) 475-7000.

Sincerely,

Rejahna Barrow  
Sr. Proration Analyst  
(214) 750-3120

Enclosures (33)

cc: Mr. L. Steve Hamilton  
Anadarko Petroleum Corporation  
Oklahoma City, OK



Note: Please furnish each Operator a copy of approved Sundry.

Form 3160-5  
(June 1970)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Anadarko Petroleum Corporation

3. Address and Telephone No.

9400 N. Broadway - Suite 700; Oklahoma City, OK 73114 (405) 475-7000

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1174' FNL & 1168' FWL, NW/4 NW/4, Sec. 13, T12S, R10E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

UTU-65949

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Federal 4-13

9. API Well No.

43-007-30126

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Carbon, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change of Operator

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please be advised that PG&E Resources Company is hereby transferring operations and Anadarko Petroleum Corporation is hereby assuming operations and will be responsible for the above described well effective as of August 1, 1994.

Bond coverage for this well is provided by Anadarko Petroleum Corporation's Nationwide BLM Bond #153571.

PG&E Resources Company hereby agrees to the foregoing transfer.

By: Sijahna Barrow, Sr. Proration Analyst, August 1, 1994

cc: State of Utah; Department of Natural Resources; Division of Oil, Gas & Mining

8 - 8 1994

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]

Title

Division Administrative Manager

Date August 1, 1994

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

Note: Please furnish Operators a copy of approved Sundry.

Form 3160-S  
(June 1970)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

AUG 12

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Anadarko Petroleum Corporation

3. Address and Telephone No.

9400 N. Broadway - Suite 700; Oklahoma City, OK 73114 (405) 475-7000

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1174' FNL & 1168' FWL, NW/4 NW/4, Sec. 13, T12S, R10E

5. Lease Designation and Serial No.

UTU-65949

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Federal 4-13

9. API Well No.

43-007-30126

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Carbon, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change of Operator

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please be advised that PG&E Resources Company is hereby transferring operations and Anadarko Petroleum Corporation is hereby assuming operations and will be responsible for the above described well effective as of August 1, 1994.

Bond coverage for this well is provided by Anadarko Petroleum Corporation's Nationwide BLM Bond #153571.

PG&E Resources Company hereby agrees to the foregoing transfer.

By: Suzanne Barrow, Sr. Proration Analyst, August 1, 1994

cc: State of Utah; Department of Natural Resources; Division of Oil, Gas & Mining

14. I hereby certify that the foregoing is true and correct

Signed [Signature]

Title Division Administrative Manager Date August 1, 1994

(This space for Federal or State office use)

Associate District Manager

Approved by [Signature]

Title

Date 8/9/94

Conditions of approval, if any:

CONDITIONS

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

Anadarko Petroleum Corporation  
Well No. Federal 4-13  
NWNW Sec. 13, T. 12 S., R. 10 E.  
Grand County, Utah  
Lease U-65949

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Anadarko Petroleum Corporation is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by BLM bond No. ESO-0128 (Principal - Anadarko Petroleum Corporation ) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Coalbed Methane	5. Lease Designation and Serial No. UTU-65949
2. Name of Operator Anadarko Petroleum Corporation	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 17001 Northchase Dr., Houston, TX 77060 (281) 875-1101	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NW NW 1174' FNL & 1168' FWL Sec. 13 T12S-R10E	8. Well Name and No. Federal #4-13
	9. API Well No. 43-007-30126
	10. Field and Pool, or Exploratory Area Castlegate
	11. County or Parish, State Carbon County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See attached document for plugging procedures in accordance to plugging guidelines and the "Wellbore Diagram" for all wellbore information and geological markers.

RECEIVED  
BUREAU OF LAND MANAGEMENT  
FEB 19 1998 PM 2:30

14. I hereby certify that the foregoing is true and correct	Shad Frazier	
Signed <u>[Signature]</u>	Title Production Engineer	Date 02/17/98
(This space for Federal or State office use)	Assistant Field Manager,	
Approved by <u>[Signature]</u>	Title Resource Management	Date 4/20/98
Conditions of approval, if any:	CONDITIONS OF APPROVAL ATTACHED	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

### CONDITIONS OF APPROVAL

1. Notify Don Stephens for the Price BLM office at (435) 636-3608 at least 24 hours prior to commencing plugging operations.
2. All wellbore volume between cement plugs shall be filled with bentonite gel of at least 9 pounds per gallon.
3. Upon finishing the plugging procedures, submit a subsequent report of abandonment (sundry notice) which details the work that was done.



Petroleum Corporation

## Plugging Procedure

**Federal #4-13**

**Sec. 13-T12S-R10E 1174' FNL & 1168' FWL**

**Carbon County, Utah**

**AFE: 501501**

**WI: 100%**

**API # 43-007-30126**

### **Purpose: Plug and Abandon Castlegate field**

**Surf: 8-5/8", 24# K-55**

**Prod: 5-1/2", 17# N-80 ( Drift = 4.767" )**

**Wireline: Halliburton, Vernal 801-789-2550**

**Cementing: Halliburton, Vernal 801-789-2550**

### **Procedure:**

1. RDWH, NUBOP, BD casing pressure. MIRUWL. TIH W/ GR/JB to 3770. POH w/ GR/JB and pick up CIBP. Trip in hole and set CIBP @ +/- 3720 (Do not set in collars). RDWL and move to next location.
2. MIRU Coiled Tubing equipment and cement unit
3. Mix and pump a minimum of 5 sacks class G cement and spot on top of CIBP @ +/- 3720.
4. POH to bottom of surface casing @ 520 and spot a 50 ft. plug.
5. Pull up hole to within 50 ft of surface and spot 50 ft plug.
6. Cut production casing off and mix and pump a 100 ft cement plug between csg and prod csg. NDBOP.
7. Reclaim location and install 4 ft. dead man marker with lease name, number, company name, and legal description.

\* all displacement fluid will contain non-corrosive fluid.

Prepared: Shad Frazier

Approved: Tom Rushing

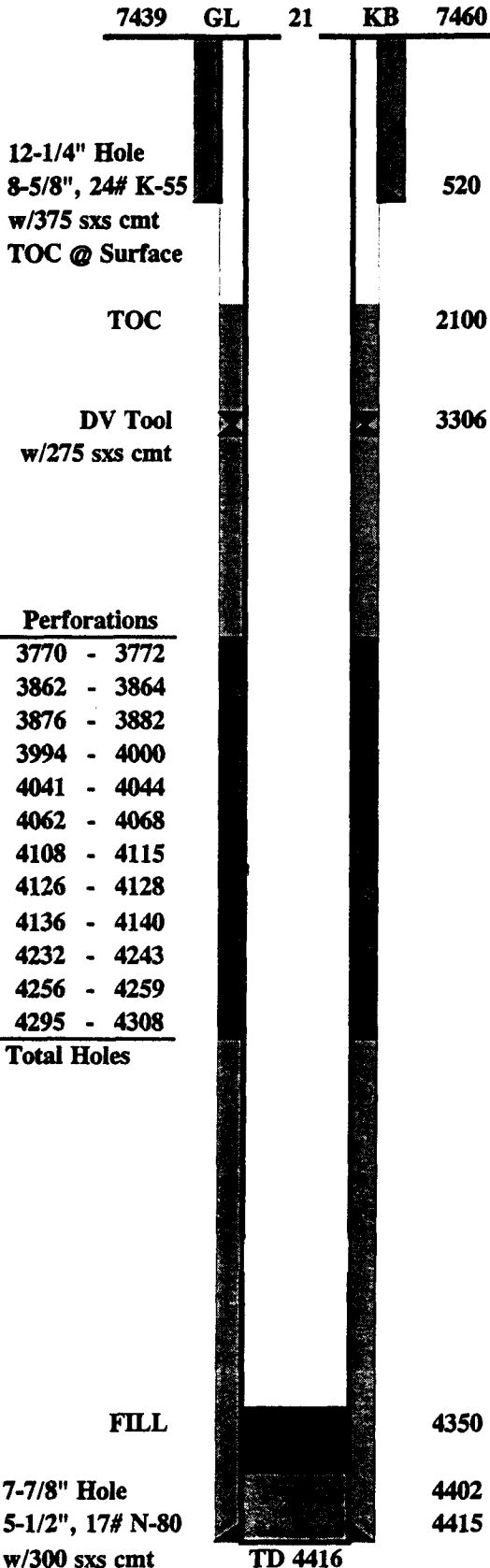
Castlegate plugging.doc

cc: Steve Pearson  
Alan O'Donnell  
Kendall Madden  
Shad Frazier  
Tom Rushing  
WF – Federal #4-13, Carbon County, Utah

# FEDERAL #4-13

NW NW 1174' FNL & 1168' FWL: SEC 13 T12S-R10E  
API NO. 43-007-30126

SPUD RIG OFF  
SURFACE 07/31/1992 08/01/1992  
PRODUCTION 08/01/1992 08/12/1992



## WELL WORK HISTORY

07/29/1993 FRAC 4232-4308 w/69M GAL CMHEC, 38M# 100  
MESH, 59M# 16/30, 42M# 16/30 RC  
08/03/1993 FRAC 3770-4140 w/62M GAL CMHEC, 37M# 100  
MESH, 73M# 16/30, 20M# 16/30 RC  
08/11/1993 POP w/HPC 200 ABOVE PERF @ 3770  
11/29/1993 FLUSHED ROTOR & STATOR  
01/07/1994 C/O SHEAVE FROM 18.7" TO 28", FLUSHED  
02/25/1994 FLSHD ROTOR & STATOR 6 TIMES THRU 3/31  
03/22/1994 HIGH TORQUE, SCALE ON TBG, TFF 4374 & CO  
06/09/1994 RUN NEW BMW 100-6000 & FLTR, TFF @ 4348  
08/19/1994 HOLE IN TBG, REMOVE TAC, TFF @ 4344  
12/30/1994 HOLE IN TBG, SWOLLEN STATOR, TFF @ 4308,  
CLEAN OUT TO 4357  
10/13/1995 REPLACE SEAL IN KUDU UNIT  
01/21/1997 HOLE IN TBG; STATOR FAILURE; TFF @ 4350'  
05/29/1997 Change out one Stator

(Holes)	Perforations
(3)	3770 - 3772
(3)	3862 - 3864
(4)	3876 - 3882
(4)	3994 - 4000
(4)	4041 - 4044
(4)	4062 - 4068
(7)	4108 - 4115
(3)	4126 - 4128
(5)	4136 - 4140
(7)	4232 - 4243
(4)	4256 - 4259
(10)	4295 - 4308
(58)	Total Holes

NOTES: DO FC 7/93

## TUBING BREAKDOWN

2-7/8"	JTS
TA	
2-7/8"	JTS
3-1/2"	JTS
SN	
TAG BAR	
2-7/8"	JTS
NC	
EOT	

## ROD BREAKDOWN

PONIES	
1"	
7/8"	
3/4"	
1"	
1.5"	
PUMP	

DEVIATION ANGLE	FORMATION	TOP
634 0.8	PRICE RIVER	2646
1046 0.3	CASTLEGATE	3134
1786 1.5	BLACKHAWK	3404
2290 1	KENILWORTH	4143
2814 2.3	ABERDEEN	4349
3070 3.3	SPRING CANYON	
3470 4		
4100 4		
4400 5		

LAST REVISED: 03/13/1998

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Routing:

1- <del>LWC</del> 7-PL	✓
2-LWP 8-SJ	✓
3- <del>DTA</del> 9-FILE	✓
4-VLC	✓
5-RJF	✓
6-LWP	✓

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold)  
☐ Designation of Operator

☐ Designation of Agent  
☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-01-94)

TO (new operator) ANADARKO PETROLEUM CORP.  
(address) 9400 N BROADWAY STE 700  
OKLAHOMA CITY OK 73114-7403  
L. STEVE HAMILTON, MGR  
phone (405) 475-7000  
account no. N 0035

FROM (former operator) PG&E RESOURCES COMPANY  
(address) 6688 N CENTRAL EXP #1000  
DALLAS TX 75206-3922  
REJAHNA BARROW  
phone (214) 750-3922  
account no. N 0595

Well(s) (attach additional page if needed):

Name: <u>FEDERAL 6-8/MVDCL</u>	API <u>43-007-30140</u>	Entity: <u>11272</u> ✓	Sec <u>8</u> Twp <u>12S</u> Rng <u>10E</u>	Lease Type: <u>UTU6594</u>
Name: <u>FEDERAL 7-9/MVDCL</u>	API <u>43-007-30137</u>	Entity: <u>11382</u> ✓	Sec <u>9</u> Twp <u>12S</u> Rng <u>10E</u>	Lease Type: <u>"</u>
Name: <u>FEDERAL 4-13/MVDCL</u>	API <u>43-007-30126</u>	Entity: <u>11400</u> ✓	Sec <u>13</u> Twp <u>12S</u> Rng <u>10E</u>	Lease Type: <u>U65949</u>
Name: <u>FEDERAL 4-15/MVDCL</u>	API <u>43-007-30138</u>	Entity: <u>11401</u> ✓	Sec <u>15</u> Twp <u>12S</u> Rng <u>10E</u>	Lease Type: <u>"</u>
Name: <u>FEDERAL 14-13/MVDCL</u>	API <u>43-007-30177</u>	Entity: <u>11434</u> ✓	Sec <u>13</u> Twp <u>12S</u> Rng <u>10E</u>	Lease Type: <u>"</u>
Name: <u>FEDERAL 16-14/MVDCL</u>	API <u>43-007-30174</u>	Entity: <u>11435</u> ✓	Sec <u>14</u> Twp <u>12S</u> Rng <u>10E</u>	Lease Type: <u>"</u>
Name: <u>FEDERAL 14-14/MVDCL</u>	API <u>43-007-30173</u>	Entity: <u>11436</u> ✓	Sec <u>14</u> Twp <u>12S</u> Rng <u>10E</u>	Lease Type: <u>"</u>
Name: <u>FEDERAL 16-15/MVDCL</u>	API <u>43-007-30176</u>	Entity: <u>11440</u> ✓	Sec <u>15</u> Twp <u>12S</u> Rng <u>10E</u>	Lease Type: <u>"</u>

OPERATOR CHANGE DOCUMENTATION

Lee 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 8-8-94)

Lee 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 8-8-94)

N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no)        If yes, show company file number:       .

Lee 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.

Lwp 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. 8-15-94

Lwp 6. Cardex file has been updated for each well listed above. 8-17-94

Lwp 7. Well file labels have been updated for each well listed above. 8-17-94

Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (8-15-94)

Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.



### ENTITY REVIEW

- Y 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- Y 2. A copy of this form has been placed in the new and former operators' bond files.
- Y 3. The former operator has requested a release of liability from their bond (yes/no) Y. Today's date 8/1/94 1994. If yes, division response was made by letter dated 8/1/94 1994.

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 8/1/94 1994, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

### FILMING

- Y 1. All attachments to this form have been microfilmed. Date: August 22 1994.

### FILING

- Y 1. Copies of all attachments to this form have been filed in each well file.
- Y 2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

940815 Bm/Vernal Aprv. 8-9-94 aff. 8-1-94.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

5. Lease Designation and Serial Number

UTU-65949

6. Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

CA# UTU-73772

8. Well Name and Number:

Federal #4-13

9. API Well Number:

43-007-30126

10. Field and Pool, or Wildcat

Castlegate

1. Type of Well: OIL ☐ GAS ☐ OTHER: Coalbed Methane

2. Name of Operator

Anadarko Petroleum Corporation

3. Address and Telephone Number.

17001 Northchase Dr., Houston, Texas 77060 (281) 875-1101

4. Location of Well

Footages: NW NW 1174' FNL & 1168' FWL

QQ, Sec., T., R., M.: Sec. 13 T12S-R10E

County: Carbon

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Abandon        | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start Early Spring

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon*                  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

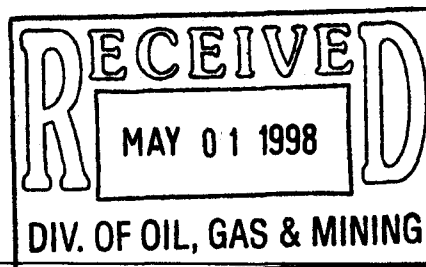
Date of work completion \_\_\_\_\_

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see attached "Well Diagram" for all wellbore information and geological markers.



13. Name & Signature Shad Frazier Title Production Engineer

Date 02/17/98

(This space for State use only)

Accepted by the State  
of Utah Division of  
Oil, Gas and Mining

Date: 5-14-98

By: D. Jam

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER: METHANE

2. Name of Operator

Anadarko Petroleum Corporation

3. Address and Telephone Number.

17001 Northchase Dr., Houston, Texas 77060

4. Location of Well

Footages: 1174' FNL & 1168' FWL  
QQ.Sec., T., R., M.: NW NW Sec. 13-T12S-R10E

5. Lease Designation and Serial Number

6. Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

Federal 4-13

9. API Well Number:

43-007-30126

10. Field and Pool, or Wildcat

Castlegate Field

County: Carbon

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Abandon*       | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Date of work completion 06/30/98

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

SEE ATTACHED WELLBORE DIAGRAM AND DETAILED FIELD REPORT.

13.

Shad Frazier

Name & Signature

Title Engineer

Date 08/12/98

(This space for State use only)

# FEDERAL #4-13

NW NW 1174' FNL & 1168' FWL: SEC 13 T12S-R10E  
API NO. 43-007-30126

SPUD RIG OFF  
SURFACE 07/31/1992 08/01/1992  
PRODUCTION 08/01/1992 08/12/1992

7439	GL	21	KB	7460
CMT PLUG				50
				100
12-1/4" Hole				
8-5/8", 24# K-55				520
w/375 sxs cmt				
TOC @ Surface				
TOC				2100
DV Tool				3306
w/275 sxs cmt				
				3637
				3720
CIBP				
(Holes) Perforations				
(3) 3770 - 3772				
(3) 3862 - 3864				
(4) 3876 - 3882				
(4) 3994 - 4000				
(4) 4041 - 4044				
(4) 4062 - 4068				
(7) 4108 - 4115				
(3) 4126 - 4128				
(5) 4136 - 4140				
(7) 4232 - 4243				
(4) 4256 - 4259				
(10) 4295 - 4308				
(58) Total Holes				
FILL				4350
7-7/8" Hole				4402
5-1/2", 17# N-80				4415
w/300 sxs cmt				
TD 4416				

## WELL WORK HISTORY

07/29/1993	FRAC 4232-4308 w/69M GAL CMHEC, 38M# 100
	MESH, 59M# 16/30, 42M# 16/30 RC
08/03/1993	FRAC 3770-4140 w/62M GAL CMHEC, 37M# 100
	MESH, 73M# 16/30, 20M# 16/30 RC
08/11/1993	POP w/HPC 200 ABOVE PERF @ 3770
11/29/1993	FLUSHED ROTOR & STATOR
01/07/1994	C/O SHEAVE FROM 18.7" TO 28", FLUSHED
02/25/1994	FLSHD ROTOR & STATOR 6 TIMES THRU 3/31
03/22/1994	HIGH TORQUE, SCALE ON TBG, TFF 4374 & CO
06/09/1994	RUN NEW BMW 100-6000 & FLTR, TFF @ 4348
08/19/1994	HOLE IN TBG, REMOVE TAC, TFF @ 4344
12/30/1994	HOLE IN TBG, SWOLLEN STATOR, TFF @ 4308,
	CLEAN OUT TO 4357
10/13/1995	REPLACE SEAL IN KUDU UNIT
01/21/1997	HOLE IN TBG; STATOR FAILURE; TFF @ 4350'
05/29/1997	Change out one Stator

NOTES: DO FC 7/93

## TUBING BREAKDOWN

2-7/8"	JTS
TA	
2-7/8"	JTS
3-1/2"	JTS
SN	
TAG BAR	
2-7/8"	JTS
NC	
EOT	

## ROD BREAKDOWN

PONIES	
1"	
7/8"	
3/4"	
1"	
1.5"	
PUMP	

## DEVIATION ANGLE

634	0.8
1046	0.3
1786	1.5
2290	1
2814	2.3
3070	3.3
3470	4
4100	4
4400	5

## FORMATION

PRICE RIVER	2646
CASTLEGATE	3134
BLACKHAWK	3404
KENILWORTH	4143
ABERDEEN	4349
SPRING CANYON	

## TOP

LAST REVISED: 07/21/1998

**COIL TUBING JOB LOG 4191**

DATE \_\_\_\_\_

6-30-98

PAGE NO

**CUSTOMER**

**WELL NO.**

**LEASE**

**JOB TYPE**

TICKET NO.

**Amdack®**

4-13

**Fedex**

PIA

402660

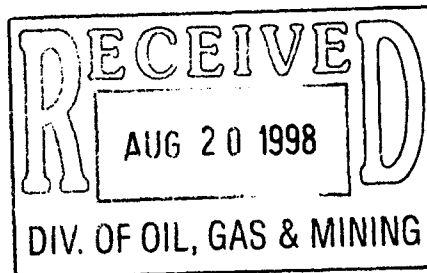
[illegible]



August 13, 1998

State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84414-5801

Re: State Form 9  
Castlegate Field  
Carbon County, Utah



Gentlemen:

Please find enclosed, Sundry Notices and Reports on Wells (Form 9) outlining the plugging and abandoning procedures performed for the following wells:

SHIMMIN TRUST 1 <i>fr SGW to PA</i>	JENSEN 11-15 <i>fr SGW to PA</i>
SHIMMIN TRUST 2 " " " "	JENSEN 16-9 " " " "
SHIMMIN TRUST 3 " " " "	JENSEN 16-10 " " " "
SHIMMIN TRUST 4 " " " "	FEDERAL 4-13 <i>fr SGW to PA</i>
SHIMMIN TRUST 5 " " " "	FEDERAL 4-15 " " " "
SHIMMIN TRUST 10-11 <i>fr WDW to PA</i>	FEDERAL 6-8 " " " "
SHIMMIN TRUST 11-11 <i>fr SGW to PA</i>	FEDERAL 7-9 " " " "
SHIMMIN TRUST 12-12 " " " "	FEDERAL 14-13 " " " "
SHIMMIN TRUST 14-12 " " " "	FEDERAL 14-14 " " " "
JENSEN 5-10 <i>fr SGW to PA</i>	FEDERAL 16-14 " " " "
JENSEN 7-15 " " " "	FEDERAL 16-15 " " " "
JENSEN 9-10 " " " "	STATE 2-16 <i>fr SGW to PA</i>
JENSEN 11-10 " " " "	STATE 9-16 " " " "

Should you have any questions or require additional information, please contact me at (281) 873-1276.

Best regards,

ANADARKO PETROLEUM CORPORATION

Gail A. Rupert  
Engineering Technician

Enclosures

cc: Bureau of Land Management  
Moab District Office  
P.O. Box 970  
Moab, Utah 84532

Bureau of Land Management  
Price River Resources Area  
900 North, 700 East  
Price, Utah 84501

GAR  
SMF  
TRC - Well File

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-65949
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> FED 4-13
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1174 FNL 1168 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 13 Township: 12.0S Range: 10.0E Meridian: S		<b>9. API NUMBER:</b> 43007301260000
<b>PHONE NUMBER:</b> 307-752-1169 Ext		<b>9. FIELD and POOL or WILDCAT:</b> CASTLEGATE
<b>COUNTY:</b> CARBON		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> <b>ACIDIZE</b>	
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 6/30/1998	<input type="checkbox"/> <b>ALTER CASING</b>	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> <b>CHANGE TUBING</b>	
	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	
	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	
	<input type="checkbox"/> <b>DEEPEN</b>	
	<input type="checkbox"/> <b>FRACTURE TREAT</b>	
	<input checked="" type="checkbox"/> <b>PLUG AND ABANDON</b>	
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	
	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>	
	<input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	
	<input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>	
	<input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>	
	<input type="checkbox"/> <b>VENT OR FLARE</b>	
	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	
	<input type="checkbox"/> <b>TUBING REPAIR</b>	
	<input type="checkbox"/> <b>WATER SHUTOFF</b>	
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	
	<input type="checkbox"/> <b>OTHER:</b> _____	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Kerr McGee respectfully requests to P&A the following well location. Attached is the P&A Procedure. Thank you.		
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> June 29, 2010		
<b>NAME (PLEASE PRINT)</b> Emily Carrender	<b>PHONE NUMBER</b> 720 929-6282	<b>TITLE</b> Operations Specialist I
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/24/2010	



PROSPECT	WELL NAME & NO.	SEC	TWP	RNG	COUNTY	STATE
	Trimmer 4-13	13	12S	10E	Carbon	Wash

PERFS	3770-4308'	TBG	PKR/ANCHOR	CSG	5 1/2", 12" N-80, 4415, 9440	CONTRACTOR
DAYS	2					
YESTERDAYS OPERATIONS						

MRU 74500 coil log unit - R.H. Log 216P @ 3720' - spot 8.5' coil  
 Plug on top of 216P @ 3720', Plug from 3720' to 3637' - core with w/9' gal  
 fog mist - spot 50' coil Plug around 8 5/8 casing shoe @ 520'; Plug from 529' to  
 479' - spot 50' coil Plug from 50' to surface in 5 1/2 casing.  
 cut off well head - R.H. w/1 1/4 coil Plug to 100' - spot coil Plug  
 from 100' to surface between 8 5/8 & 4 5/2 casing - R.H. coil Plug unit  
 well on pt A marker

well Pt A 4:30 PM, 6-30-98

COST DETAIL		DAILY	CUMULATIVE
Location & Roads			
Rig			
Downhole Equipment			
Water			
Tanks			
Supervision			
BOP Rental			
Wireline			
Trucking <i>M. Sullivan</i>		1080	2153
Treatment			
Surface Equipment Rental			
Cement <i>M. Sullivan</i>		2594	2594
TOTAL COSTS			
DAILY	800	1557	930
CUMULATIVE		1557	930

**RECEIVED** June 24, 2010



PROSPECT		WELL NAME & NO.		TODAYS OPERATION		P&ID	
Cattle Hill		Tubing 4-13		TODAYS OPERATION		4402	
SEC	TWP	RNG	COUNTY	STATE	CONTRACTOR	PERFS	YESTERDAYS OPERATIONS
13	14S	10E	Carbon	Wash	CSC	3720-4308	1
				PKR/ANCHOR	CSC	3720	5/17, 11-80, 4415, Pool

Bed off well frame - NO well head - NU BOPE  
 RU 7/1600 wire line truck - RIH w/4.47" gauge ring to 3770'  
 Pool w/ gauge ring  
 RIH 4 set 7/1600 5 1/2" C16P @ 3720' Top ring 3770'  
 RO wire line truck  
 NO BOPE - NU well head - SWI

RECEIVED June 24, 2010

COST DETAIL		DAILY	CUMULATIVE	COST DETAIL	DAILY	CUMULATIVE
Location & Roads				Casing		
Rig				Tubing		
Downhole Equipment				Wellhead		
Water				Production Equipment		
Tanks				Pool, Row 1, Row 2	130	130
Supervision						
BOP Rental						
Wireline	2153	2153				
Trucking						
Treatment						
Surface Equipment Rental						
Cement				TOTAL COSTS	2283	2283
WELL SITE REPRESENTATIVE		DATE				
R. D. J.		6-3-98				

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

COPY

5. Lease Designation and Serial Number  
UTU-65949

6. Indian, Allottee or Tribe Name:

7. Unit Agreement Name:  
CA# UTU-73772

8. Well Name and Number:  
Federal #4-13

9. API Well Number:  
43-007-30126

10. Field and Pool, or Wildcat  
Castlegate

County: Carbon  
State: Utah

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes.

1. Type of Well: ☐ OIL ☐ GAS ☐ OTHER: Coalbed Methane

2. Name of Operator  
Anadarko Petroleum Corporation

3. Address and Telephone Number:  
17001 Northchase Dr., Houston, Texas 77060 (281) 875-1101

4. Location of Well  
Footages: NW NW 1174' ENL & 1168' FWL  
CO, Sec. 13 T12S-R10E

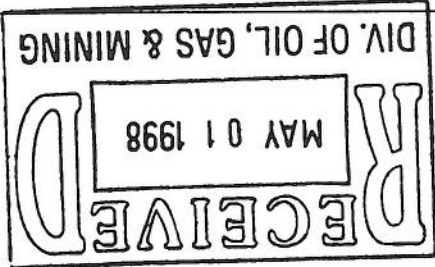
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
<input checked="" type="checkbox"/> Abandon	<input type="checkbox"/> New Construction	<input type="checkbox"/> Abandon*	<input type="checkbox"/> New Construction
<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Perforate
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Perforate	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Perforate
<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other	<input type="checkbox"/> Water Shut-Off
Approximate date work will start Early Spring		Date of work completion	
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.		Must be accompanied by a cement verification report.	

RECEIVED June 24, 2010

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see attached "Well Diagram" for all wellbore information and geological markers.



PPA 6-30-98  
Aug 27 6-2-98

13. Name & Signature: Shad Frazier  
Title: Production Engineer  
Date: 02/17/98

(This space for State use only)

Accepted by the State  
of Utah Division of  
Oil, Gas and Mining  
Date: 5-14-98  
By: D. J. [Signature]



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Coalbed Methane	2. Name of Operator Anadarko Petroleum Corporation	3. Address and Telephone No. 17001 Northchase Dr., Houston, TX 77060 (281) 875-1101	4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NW NW 1174' ENL & 1168' FWL Sec. 13 T12S-R10E	5. Lease Designation and Serial No. UTU-65949	6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation	8. Well Name and No. Federal #4-13	9. API Well No. 43-007-30126	10. Field and Pool, or Exploratory Area Castlegate	11. County or Parish, State Carbon County, Utah	

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on well completion or Recompletion Report and Log form.)  
Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

See attached document for plugging procedures in accordance to plugging guidelines and the "Wellbore Diagram" for all wellbore information and geological markers.

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BUREAU OF LAND MANAGEMENT  
JUN 19 1998 PM 2:30

14. I hereby certify that the foregoing is true and correct

Signed Shad Frazier  
Title Production Engineer  
Date 02/17/98

(This space for Federal or State office use)

Approved by [Signature]  
Title Assistant Field Manager, Resource Management  
Date 4/22/98

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

See instruction on Reverse Side

RECEIVED June 24, 2010

CONDITIONS OF APPROVAL

1. Notify Don Stephens to the Price BLM office at (435) 636-3608 at least 24 hours prior to commencing plugging operations.
2. All wellbore volume between cement plugs shall be filled with bentonite gel of at least 9 pounds per gallon.
3. Upon finishing the plugging procedures, submit a subsequent report of abandonment (sundry notice) which details the work that was done.



Federal #4-13  
Sec. 13-T12S-R10E 1174' FNL & 1168' FWL  
Carbon County, Utah  
API # 43-007-30126

Purpose: Plug and Abandon Castlegate field

Surf: 8-5/8", 24# K-55  
Prod: 5-1/2", 17# N-80 ( Drift = 4.767" )

Wireline: Halliburton, Vernal 801-789-2550  
Cementing: Halliburton, Vernal 801-789-2550

Procedure:  
1. RDWH, NUBOP, BD casing pressure. MIRUWL. TIH W/ GR/JB to 3770. POH w/ GR/JB and pick up CIBP. Trip in hole and set CIBP @ +/- 3720 (Do not set in collars). RDWL and move to next location.

2. MIRU Coiled Tubing equipment and cement unit
3. Mix and pump a minimum of 5 sacks class G cement and spot on top of CIBP @ +/- 3720.
4. POH to bottom of surface casing @ 520 and spot a 50 ft. plug.
5. Pull up hole to within 50 ft of surface and spot 50 ft plug.
6. Cut production casing off and mix and pump a 100 ft cement plug between csg and prod csg. NDBOP.
7. Reclaim location and install 4 ft. dead man marker with lease name, number, company name, and legal description.

\* all displacement fluid will contain non-corrosive fluid.

Prepared: Shad Frazier  
Approved: Tom Rushing

Castlegate plugging.doc

cc:

- Steve Pearson
- Alan O'Donnell
- Kendall Madden
- Shad Frazier
- Tom Rushing
- WF - Federal #4-13, Carbon County, Utah

RECEIVED June 24, 2010



# FEDERAL #4-13

NW NW 1174 ENL & 1168' FWL: SEC 13 T12S-R10E

API NO. 43-007-30126

SPUD 08/01/1992  
SURFACE 07/31/1992  
PRODUCTION 08/01/1992  
RIG OFF 08/12/1992

## WELL WORK HISTORY

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CLEAN OUT TO 4357  
10/13/1995 REPLACE SEAL IN KUDU UNIT  
01/21/1997 HOLE IN TBG, STATOR FAILURE: TFF @ 4350  
05/29/1997 Change out one Stator

7439 GL 21 KB 7460

12-1/4" Hole  
8-5/8", 24# K-55  
w/375 sxs cmt  
TOC @ Surface

TOC

DV Tool  
w/275 sxs cmt

3306

2100

FILL

7-7/8" Hole  
5-1/2", 17# N-80  
w/300 sxs cmt

4350

4402  
4415

TD 4416

NOTES: DO FC 7/93

## TUBING BREAKDOWN

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LAST REVISED: 03/13/1998